

ghibli & wirbel

Professional Cleaning Machines Since 1968

CATALOGUE 2020



A COMPANY GROUP OF RIELLO INDUSTRIES

ghibli & wirbel

Professional Cleaning Machines Since 1968

Ghibli & Wirbel's headquarter in Dorno (Italy)



PROFESSIONAL CLEANING MACHINES SINCE 1968

Ghibli & Wirbel SpA is a worldwide leading manufacturing company active in the cleaning business located in Northern Italy.

Established in 1968 to manufacture professional and industrial vacuum cleaners, Ghibli & Wirbel has more than fifty years of history and is a leading player in the European cleaning business thanks to a complete range of cleaning equipment.

With a structure of 40.000 square meters, five primary production lines, a moulding department with 11 injection presses and a 2000 square meters warehouse, Ghibli & Wirbel boasts a production capacity of 200.000 units per year.

With more than fifty years of consolidated experience, Ghibli & Wirbel has always offered an excellent quality/price ratio along with innovative technical and design features.

It is a highly reputable company with a well-established commercial position in its business sector.



INDEX

VACUUM CLEANERS

11

POWER LINE

11

For Ghibli & Wirbel, “Power” is not just about strength, but also reliability and ability to work in order to obtain the best results. Nowadays we are proud to present a new “team” of vacuum cleaners with the well known high standard quality, but completely renewed in the name of excellence. With a consolidated design, Power Line range ensures ease of use even if the “core” of this new range are the latest generation engines, the best in terms of safety, performance and reliability.

POWER D - POWER WD

11

The core of Power Line range are Dry (Power D) and Wet & Dry models (Power WD). Several different versions for performance, size (from 12 to 90 liters), equipment, but all characterized by strength, efficiency and reliability. Damp or dry dirt, water or slime, there are no limits for Power D and Power WD vacuum cleaners. Equipped with one or two motors, with maximum power from 850 W to 2500 W, able to carry out any task in contract cleaning, workshop and industry. Power WD wet & dry vacuum cleaners become even more performing and efficient thanks to the new UFS professional filtration system.

REF.NO	DESCRIPTION	L	W	MOTORS	P.
15841210001	POWER D 12 HE	12	850	1	12
15841210002	POWER D 12	12	1100	1	13
16551210001	POWER D 22 P	22	1000	1	14
16564010001	POWER D 22 I	22	1000	1	14
14341210001	POWER D 80.2 P	80	2500	2	15
14651210001	POWER WD 22 P	22	1250	1	16
14664010001	POWER WD 22 I	22	1250	1	16
14511210001	POWER WD 36 P	36	1250	1	17
14544010001	POWER WD 36 I	36	1250	1	17
14581210001	POWER WD 50 P	50	1450	1	18
15171210001	POWER WD 50 PD	50	1450	1	18
14594010001	POWER WD 50 I	50	1450	1	19
14331210001	POWER WD 80.2 P	80	2500	2	20
14374010001	POWER WD 80.2 I	80	2500	2	20
14411210001	POWER WD 80.2 P TPT	80	2500	2	21
14464010001	POWER WD 80.2 I TPT	80	2500	2	21
14444010001	POWER WD 80.2 I TMT	80	2500	2	22
14281210001	POWER WD 90.2 PD SP	90	2500	2	23

TOOL PRO

25

The TOOL PRO range is a wide and various selection of Wet and Dry vacuum cleaners models specifically designed for use in conjunction with electric or pneumatic tools, in order to optimize the work of installers, craftsmen, manufacturers. Available in different sizes (from 22 to 50 liters) with maximum power from 1250 W to 1450 W. The ideal solution for a non stop working, thanks to the innovative SHOCKING VALVE system.

REF.NO	DESCRIPTION	L	W	MOTORS	P.
15671710001	POWER TOOL PRO FD 22 P EL	22	1250	1	26
15711710001	POWER TOOL PRO FD 36 P EL	36	1250	1	27
15755410001	POWER TOOL PRO FD 36 I EL	36	1250	1	27
15791710001	POWER TOOL PRO FD 50 P EL	50	1450	1	28
15731710001	POWER TOOL PRO FD 36 P COMBI	36	1250	1	29
15775410001	POWER TOOL PRO FD 36 I COMBI	36	1250	1	29
15391710001	POWER TOOL PRO FD 50 P COMBI	50	1450	1	30

A selection of best-selling Performance Dry vacuum cleaners (T1 and V10) joins the well know Classic Line series, to assure the most complete answer for any specific need. Models with one, two or three motors, with maximum power from 900 W to 3450 W, able to carry out any task in contract cleaning, workshop and industry. Heavy-duty, efficient, with professional filtering system designed to tackle every kind of daily job.

REF.NO	DESCRIPTION	L	W	MOTORS	P.
15941210001	T1	3,3	900	1	32
15861250002	T1 FLY	3,3	650	1	33
115881210119	T1 BC LITHIUM	3,3	330	1	34
115481210119	T1 BC LITHIUM SWIFT	3,3	330	1	34
12401210001	V 10	10	700	1	35
00-070-00GH	AS 2	15	1000	1	36
15981210001	AS 5 EVO FC	14	1000	1	37
15981210060	AS 5 EVO FT	14	1000	1	37
17041210001	AS 10 P	22	1000	1	38
17014010001	AS 10 I	22	1000	1	38
17091210001	ASL 10 P	22	1150	1	39
17071210001	ASL 10 I	22	1150	1	39
17131210001	AS 27 P	36	1150	1	40
17111210011	AS 27 IK	36	1150	1	40
17251210001	AS 400 P	50	1350	1	41
17261210001	AS 400 PD	50	1350	1	41
17281210011	AS 400 IK	50	1350	1	41
17761210001	AS 59 P	80	2300	2	42
17751210011	AS 59 IK	80	2300	2	42
17961210001	AS 59 PD SP	90	2300	2	43
15351210001	AS 590 P CBN	80	2300	2	44
15281210011	AS 590 IK CBN	80	2300	2	44
15271210011	AS 590 IK CBM	80	2300	2	45
18011210001	AS 60 P	80	3450	3	46
18001210011	AS 60 IK	80	3450	3	47
18021210001	AS 60 PD SP	90	3450	3	48
15611210001	AS 600 P CBN	80	3450	3	49
15531210011	AS 600 IK CBN	80	3450	3	50
15521210011	AS 600 IK CBM	80	3450	3	50
17981610001	InPump 90.2 SP CF	90	2300	2	51

INDUSTRIAL VACUUM CLEANERS

Designed for hard and continuous work, to perform industry different demands, to clean plants and factories and any other place where dry dirt, metal residuals need to be removed everyday. Sturdy models, with big-sized and highly efficient filters, equipped with safety devices.

REF.NO	DESCRIPTION	L	W	MOTORS	P.
18951210011	AS 30 IK	60	2300	2	54
18961210011	AS 40 IK	60	3450	3	55
18961210993	AS 40 KS	60	3450	3	56
18961210994	AS 40 KS M	60	3450	3	56
18961210995	AS 40 KS H	60	3450	3	56
12158800011	POWER InDust 60 TP M	60	2200	1	57
12158800021	POWER InDust 60 TP H	60	2200	1	57
19111208010	AZ 35 400 V	60	3000 (50 Hz) / 3600 (60 Hz)	1	58
19121208001	AZ 45 400 V	75	5500	1	59

ATEX INDUSTRIAL VACUUM CLEANERS

61

Power InDust AX is Ghibli & Wirbel's product range designed to prevent any kind of fire in an area potentially at risk of explosion: safety, quality and reliability in full compliance with Atex regulations. Several different versions for size (from 20 to 60 liters), available in single and three phases, M filtering class certified.

REF.NO	DESCRIPTION	L	W	ATEX CERTIFICATION	P.
12058800001	POWER InDust AX 20 SP Z22	20	1800	22 - II 3D	62
12008800001	POWER InDust AX 20 TP Z22	20	1800	22 - II 3D	62
12108800001	POWER InDust AX 60 TP Z22	60	3000	22 - II 3D	63

HOUSEHOLD VACUUM CLEANERS

65

REF.NO	DESCRIPTION	L	W	MOTORS	P.
15856410001	BRICIOLO®	3,5	1380	1	66

ACCESSORIES FOR VACUUM CLEANERS

67

SPRAY-EXTRACTION CLEANERS

73

Ghibli & Wirbel's new extraction cleaners are today still more reliable and performing, able to vacuum, wash and dry in a single step all types of textiles, sofas and chairs upholstery included.

CLASSIC LINE

74

M 26 is available in three versions (Ulka, Ceme and Auto Ceme) featuring the two-phase motors that marked Ghibli's success worldwide. The new solution tank, easy to fill and transport, makes M 26 even more ergonomic. The two-motors head, where each motor can be started separately for top reliability. The pumps ranging from 28 to 60 W, the air flow rate up to 4.25 l/min and still advanced technical features make M 26 ideal for all types of cleaning tasks.

POWER EXTRA

75

The new range of spray-extraction cleaners POWER EXTRA is the ideal solution for cleaning all types of textiles, carpets, etc. On top of the best selling POWER EXTRA 7 - compact and able to clean all types of textiles - our range offers the new POWER EXTRA 11, 21 and 31 models, featuring high technical quality and ease of use (thanks to the vertical double-tank system and the smart solution filling port). Each of the three models is available in two versions: one has been conceived for the Automotive sector, the second one ideal for any another cleaning task. Vacuuming, washing and drying any type of textile surface (with no interruption) has never been so easy!

REF.NO	DESCRIPTION	L	BAR	MBAR	W	MOTORS	P.
19131210005	M 26 I ULKA	56	4	190	2300	2	74
19131212002	M 26 I CEME	56	6	190	2300	2	74
19131210191	M 26 I Auto CEME	56	6	190	2300	2	74
16221210001	POWER EXTRA 7 P	11	4	235	1250	1	75
16244010001	POWER EXTRA 7 I	11	4	235	1250	1	75
16254010001	POWER EXTRA 7 I Auto	11	4	235	1250	1	75
14754010001	POWER EXTRA 11 I	12	7	235	1250	1	76
14764010001	POWER EXTRA 11 I Auto	12	7	235	1250	1	76
14624010001	POWER EXTRA 21 I	22	7	235	1250	1	77
14634010001	POWER EXTRA 21 I Auto	22	7	235	1250	1	77
14524010002	POWER EXTRA 31 I ULKA	32	7	225	2500	2	78
14524010001	POWER EXTRA 31 I CEME	32	6	225	2500	2	78
14534010001	POWER EXTRA 31 I Auto CEME	32	6	225	2500	2	78

ACCESSORIES FOR SPRAY-EXTRACTION CLEANERS

79

STEAM GENERATORS

81

Using steam for cleaning operations is a simple, inexpensive, hygienic and environmentally friendly system. The high temperature allows to remove all kinds of dirt along with sanitation of surfaces. That's why the steam cleaning system is suitable for a wide range of applications, extraordinary cleaning (such as industrial sector) but also for the ordinary cleaning operations. So Ghibli & Wirbel's steam generators are the right answer to the sanification (bacteria and fungi elimination from all types of surface and fabric, through the use of high temperature steam) and sanitizing demand.

Two models, based on the innovative e and powerful Ghibli & Wirbel vacuum range, equipped with high-performance boilers (3.7 l capacity, high resistance power and up to 6 bar pressure of work). Start-and-go machines, quick and easy to use, to ensure the best cleaning performance and a safe and comfortable use without using detergents in full respect of the environments.

REF.NO	DESCRIPTION	L	BAR	MBAR	W	MOTORS	P.
14111210001	POWER STEAM 6.3 ER P	22	6	235	4250	1	82
14164010001	POWER STEAM 6.3 ER I	22	6	235	4250	1	82

ACCESSORIES FOR STEAM GENERATORS

83

SINGLE DISCS

85

Versatile, robust, efficient, Ghibli & Wirbel's single disc machines allow different types of cleaning tasks such as deep-cleaning, stripping, scrubbing, polishing, crystallization and carpet shampooing. These machines allow to work on all floor surfaces: textile flooring, brick, fine stone, tiles, stoneware, clinker, marble, it is possible also parquet sanding and levelling cement floors. Universal machines, simply and reliable, giving excellent results in a practical, economical and fast way.

REF.NO	DESCRIPTION	RPM	W	P.
00-1921BLGH	SB 133	190	550	86
00-181BL-GH	SB 143 L08	154	800	87
00-183EL-GH	SB 143 L10	154	1000	88
00-185EL-GH	SB 143 L13	154	1300	88
00-190EL-GH	SB 143 L16	154	1600	88
00-187EL-GH1	SB 143 L22	154	2200	88
00-188EL-GH	SB 143 M16	227	1600	89
00-194EL-GH1	SB 143 M22	227	2200	89
00-1880ELGH	SB 143 H16	400	1600	90
00-197EL-GH	SB 143 TSN	154-308	1000-1300	91
00-195EL-GH	SB 150 L16	154	1600	92
00-196EL-GH1	SB 150 L22	154	2200	92
00-189BL-GH	SB HS 1000	1000	1600	93
00-198EL-GH	SB 150 U 13	1500	1300	94

ROTO-ORBITAL SINGLE DISCS

95

Professional performance and extreme ease of use for the entire Ghibli & Wirbel roto-orbital single discs family. Practical and versatile models to overcome any kind of challenge!

REF.NO	DESCRIPTION	RPM	W	P.
00-110EL-GH	O 143 U 10	1500	1000	96
00-113EL-GH	O 143 U 13	1500	1300	96
00-105EL-GH	O 143 S 10	1500	1000	97
00-120EL-GH	O 143 SPRAY	1500	1000	98

ACCESSORIES FOR SINGLE DISCS

99

The demand for cleaning grows hand in hand with the diversification of the areas to clean: from HO. RE. CA.'s typical environments to large commercial malls, from the public transport stations to SPA. For this reason Ghibli & Wirbel has further expanded its scrubber dryers range.

WALK-BEHIND SCRUBBER DRYERS

A wide range of walk behind scrubber dryers, five models (Rolly NRG, FR 15, FR 30, Round 45 and S2) specifically studied to clean every type of environment: from small areas to large commercial ones. Ghibli & Wirbel's scrubber dryers are able to clean difficult, narrow or crowded areas, unsurpassable for manoeuvrability and easy to transport. The brand new ultra compact Rolly NRG represents the latest and best answer to the professional cleaning demand. Innovative and functional design, combined with the most innovative technical features, makes Ghibli & Wirbel's scrubber dryers the perfect solution for any cleaning task.

REF.NO	DESCRIPTION	BATTERIES	CHARGER	P.
10.6075.00	ROLLY NRG 7½ E 33	CABLE		110
13.5075.00	ROLLY NRG 7½ M 33 BC 10 Ah	Lithium 24V 280Wh	Included	111
17.5075.00	ROLLY NRG 7½ M 33 BC 20 Ah	Lithium 24V 560Wh	Included	111
10.6110.00	ROLLY NRG 11 E 33	CABLE		112
13.5110.00	ROLLY NRG 11 M 33 BC 10 Ah	Lithium 24V 280Wh	Included	113
17.5110.00	ROLLY NRG 11 M 33 BC 20 Ah	Lithium 24V 560Wh	Included	113
10.0060.00	FR 15 E 38	CABLE		114
13.0050.00	FR 15 M 38 BC	Gel 25 Ah	On board	115
14.0050.00	FR 15 M 38 HYBRID	Hybrid Kit (Lithium 24V 700 Wh + Cable)		115
10.4182.00	FR 30 E 45 TOUCH	CABLE		116
10.4187.00	FR 30 SM 45 TOUCH			117
13.4187.00	FR 30 SM 45 BC TOUCH	Gel 50 Ah	On board	117
10.4180.00	FR 30 M 45 TOUCH			118
13.4180.00	FR 30 M 45 BC TOUCH	Gel 76 Ah	On board	118
10.4183.00	FR 30 D 45 TOUCH			119
13.4183.00	FR 30 D 45 BC TOUCH	Gel 76 Ah	On board	119
10.4181.00	FR 30 D 50 TOUCH			120
13.4181.00	FR 30 D 50 BC TOUCH	Gel 76 Ah	On board	120
10.4224.00	ROUND 45 E 55 TOUCH	CABLE		121
10.4231.00	ROUND 45 SM 55 TOUCH			122
13.4231.00	ROUND 45 SM 55 BC TOUCH	Gel 50 Ah	On board	122
15.4231.00	ROUND 45 SM 55 BC PLUS TOUCH	Gel 76 Ah	On board	122
10.4221.00	ROUND 45 M 55 TOUCH			123
17.4221.00	ROUND 45 M 55 BC CHEM TOUCH	Gel 76 Ah	On board	123
10.4232.00	ROUND 45 SD 55 TOUCH			124
13.4232.00	ROUND 45 SD 55 BC TOUCH	Gel 76 Ah	On board	124
15.4232.00	ROUND 45 SD 55 BC PLUS TOUCH	Gel 105 Ah	On board	124
10.4222.00	ROUND 45 D 55 TOUCH			125
17.4222.00	ROUND 45 D 55 BC CHEM TOUCH	Gel 105 Ah	On board	125
10.4223.00	ROUND 45 D 60 TOUCH			126
17.4223.00	ROUND 45 D 60 BC CHEM TOUCH	Gel 105 Ah	On board	126
10.0270.00	S2 80 D 70			127
13.0270.00	S2 80 D 70 BC	Gel 180 Ah	On board	127

RIDE ON SCRUBBER DRYERS

129

Large areas require reliable machines equipped with innovative technical features, to ensure high quality of cleaning operations at competitive conditions. Ghibli & Wirbel's ride on scrubber dryers, Rider and Runner, are characterized by stunning features that ensure maximum reliability and efficiency in any environment and condition. The high quality of components, and the combination of intuitive controls and exceptional manoeuvrability, help to manage any type of work with top productivity and running time.

REF.NO	DESCRIPTION	BATTERIES	CHARGER	P.
10.0552.00	RIDER R 65 RD 55			130
13.0552.00	RIDER R 65 RD 55 BC	Gel 105 Ah	Included	130
10.0654.00	RIDER R 65 FD 65			131
13.0654.00	RIDER R 65 FD 65 BC	Gel 105 Ah	Included	131
10.1685.00	RUNNER R 150 FD 85			132
13.1685.00	RUNNER R 150 FD 85 BC	Gel 240 Ah	Included	132
10.0610.00	RUNNER R 150 FD 100			133
13.0610.00	RUNNER R 150 FD 100 BC	Gel 240 Ah	Included	133

ACCESSORIES FOR SCRUBBER DRYERS

135

GENERAL SALES CONDITIONS

143

SCRUBBER DRYER

EUnited PERFORMANCE LABEL

EUnited Cleaning Scrubber Drier Performance Label is developed by the association EUnited Cleaning composed of the leading manufacturers of cleaning machines in Europe and it is based on Technical Specification TS 35000 and international standard IEC/EN 62826, both living documents.

Through a reproducible test, which allows an objective comparison of the cleaning performance of different machines, it is possible to identify and label the scrubber dryer machines that have high cleaning efficiency whilst using the least amount of water and energy.

The label itself must be viewed as the cleaning machine industry's commitment to create a sustainable future as well as a clean environment. It is paramount to the involved companies that a resource efficient cleaning is a necessary step to adapt to future energy needs.

GHIBLI & WIRBEL'S SCRUBBER DRYERS WITH EUNITED CLEANING CERTIFICATION

FR 15 E 38
FR 15 M 38 BC / HYBRID
FR 30 E 45
FR 30 SM 45
FR 30 M 45
FR 30 D 45
FR 30 D 50
ROUND 45 E 55
ROUND 45 SM 55
ROUND 45 M 55
ROUND 45 SD 55
ROUND 45 D 55
ROUND 45 D 60
S2 80 D 70

EUnited
Cleaning | European
Cleaning Machines
Association

- High Cleaning Efficiency
- Low Energy Consumption
- Low Water Consumption

EFFICIENCY

Certified

FOR A CLEAN ENVIRONMENT

ACC. IEC/EN 62826 and TS EUCle 35000



VACUUM CLEANERS

POWER D - POWER WD



POWER D 12 HE

DRY VACUUM CLEANERS

Efficiency and energy saving are market requirements. Ghibli & Wirbel addresses this need in the best way, revolutionizing its flagship model with the maximum energy saving and unbeatable performance. POWER D 12 HE (High Efficiency) is the right answer to this need. Shape and equipment unchanged, but thanks to new suction motor of 650 W, it represents the perfect mix of reliability, cleaning performance and consumption.



New fixing system

Detachable cable
15 mInside container of
great dimensionsBayonet hose
connectionIndicator for "Dust
bag full"Motor protection
filter + HEPA cartridge
filter

Exhaust air filter

Socket for power
brush

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER D 12 HE	15841210001	24

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	850
Rated power (nominal power)	W	650
Useful dust bag capacity	l	12
Filtering surface	m ²	0,2
Air flow rate	l/s	47
Vacuum	mbar	215
Sound level	db(A)	58
Power supply cable	m	15
Weight (without accessories)	Kg	7
Dimensions	mm	350x450x375

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010667
Telescopic tube	MK-022
Combi floor tool	2511538
D320 dry floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Paper filter bag I 12	---
HEPA Cartridge filter (Filtering surface 0,21 m ²)	2512755
Detachable cable 15 m	2507046

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Telescopic tube (max 1,35 m)	2511926
Electric power brush (Ø 32 - L. 35 cm)	2512537
Paper filter bag I 12 x 10	6582030

POWER D 12

DRY VACUUM CLEANERS

Powerful and versatile vacuum cleaner equipped with large capacity container and filters. Telescopic tube and detachable cable. Exhaust air filter. Indicator for "Dust bag full". Accessory holder. Power brush socket. Good manageability guaranteed by the anterior swivel castors and rear fixed wheels with large diameter. Equipped with anti-shock bumper.



New fixing system

Detachable cable
15 mInside container of
great dimensionsBayonet hose
connectionIndicator for "Dust
bag full"Motor protection
filter + cartridge
filter

Exhaust air filter

Socket for power
brush

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER D 12	15841210002	24

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1100
Rated power (nominal power)	W	900
Useful dust bag capacity	l	12
Filtering surface	m ²	0,2
Air flow rate	l/s	57
Vacuum	mbar	250
Sound level	db(A)	59
Power supply cable	m	15
Weight (without accessories)	Kg	7
Dimensions	mm	350x450x375

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010667
Telescopic tube	MK-022
Combi floor tool	2511538
D320 dry floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Fleece filter bag l 12	---
Cartridge filter (Filtering surface 0,19 m ²)	2512750
Detachable cable 15 m	2507046

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Telescopic tube (max 1,35 m)	2511926
Electric power brush (Ø 32 - L. 35 cm)	2512537
HEPA Cartridge filter (Filtering surface 0,21 m ²)	2512755
Paper filter bag l 12 x 10	6582030
Fleece filter bag l 12 x 10	6582035

POWER D 22 P/I

DRY VACUUM CLEANERS

Vacuum cleaners with powerful and high efficiency New Generation motors. The I version is equipped with stainless steel container. Power brush socket, Hepa cartridge filter in option, accessories holder and exhaust air filters makes them very useful and universal for many different applications.



Accessories holder



Inlet and outlet of motor cooling air



Paper filter bag



Filter cage and standard filter

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER D 22 P	16551210001	18
POWER D 22 I	16564010001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1000
Rated power (nominal power)	W	800
Container capacity	l	22
Useful capacity	l	10
Useful dust bag capacity	l	7
Filtering surface	m ²	0,11
Air flow rate	l/s	45
Vacuum	mbar	230
Sound level	db(A)	58
Power supply cable	m	10
Weight (without accessories)	Kg	8,5 (P) - 9,1 (I)
Dimensions	mm	500x380x485

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010648
Chromed extension tube 0,5 m (*)	2511500
Dry floor tool D320	2511524
Upholstery tool	2511530
Crevice tool	2511520
Round brush	2511540
Fleece filter bag l 12	---
Textile filter	6610000

Ø 36

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Electric power brush (Ø 32 - L. 35 cm)	2512537
Oval brush	2512050
Cartridge filter (filtering surface 0,4 m ²)	2512745
HEPA cartridge filter (filtering surface 0,4 m ²)	2512747
Paper filter bag l 7 x 10	6650030
Nylon filter (Filtering surface 0,25 m ²)	3001200
Fleece filter bag l 7 x 10	6614010
Fleece filter bag l 12 x 10	6614011

(*) 2 on standard equipment

POWER D 80.2 P

VACUUM CLEANERS

Vacuum cleaner equipped with 2 powerful and high efficiency New Generation motors separately switchable. Little weight and compact dimensions with high level performances. Exhaust air filter. High efficiency PTFE cartridge filter (M filtration class) always installed. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Nylon filter, HEPA cartridge filter, paper filter bag (optional).



Motor switches



Gangway tool (optional)



Intake



Shocking valve



High efficiency cartridge filter (M filtration class)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER D 80.2 P	14341210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,2
Air flow rate	l/s	142
Vacuum	mbar	225
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	21,7
Dimensions	mm	660x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Round brush	2511615
Crevice tool	2511610
PTFE cartridge filter (M filtration class)	2512742
Textile filter	6830000

Ø 40

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Squeegee tool	6010011
Antifoam device	6200150
Nylon protection filter	3001016
Nylon filter (filtering surface 0,75 m ²)	3001220
HEPA cartridge filter (filtering surface 1,20 m ²)	2512761
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
Gangway tool	6103054

POWER WD 22 P/I



WET & DRY VACUUM CLEANERS

Wet/dry vacuum cleaners with powerful and high efficiency New Generation motors. Model equipped with the Ultra FilterRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head and fixed directly to the ring, making cleaning and maintenance quick, simple and intuitive. The I version is equipped with stainless steel container. Paper filter bag, fleece filter, nylon filter and Hepa cartridge filter in option. Accessories holder and exhaust air filters make them very useful and universal for many different applications.



Textile filter



Accessories holder



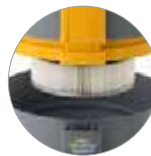
Inlet and outlet of the motor cooling air



Paper filter bag (optional)



Ultra FilterRing System



PTFE cartridge filter (M filtration class)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 22 P	14651210001	18
POWER WD 22 I	14664010001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Container capacity	l	22
Useful capacity	l	11
Useful dust bag capacity	l	7
Filtering surface (textile filter)	m ²	0,19
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	71
Vacuum	mbar	235
Sound level	db(A)	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	10,3 (P) - 10,9 (I)
Dimensions	mm	500x380x590

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010648
Chromed extension tube 0,5 m (*)	2511500
D 320 Dry floor tool	2511524
D 300 Squeegee tool	2511526
Upholstery tool	2511530
Round brush	2511540
Crevice tool	2511520
Textile filter	6656000
PTFE cartridge filter (M filtration class)	2512741

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Oval brush	2512050
Antifoam device	6200150
Nylon filter (filtering surface 0,46 m ²)	3001210
Nylon protection filter	3001009
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag l 7 x 10	6650030
Fleece filter bag l 7 x 10	6614010
Fleece filter bag l 12 x 10	6614011

(*) 2 on standard equipment

POWER WD 36 P/I



WET & DRY VACUUM CLEANERS

Medium capacity wet/dry vacuum cleaner equipped with a powerful and high efficiency New Generation motor. Model equipped with the Ultra FilteRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head and fixed directly to the ring, making cleaning and maintenance quick, simple and intuitive. The I version is equipped with stainless steel container. Paper filter bag, nylon filter, HEPA cartridge filter and TNT filter optional. Accessories holder. Exhaust air filter.



Ultra FilteRing System



PTFE cartridge filter (M filtration class)



Exhaust air filter



Switch board



Intake



Front swivel castor wheels



TNT filter (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 36 P	14511210001	12
POWER WD 36 I	14544010001	12

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Container capacity	l	36
Useful capacity	l	25
Useful dust bag capacity	l	16
Filtering surface (textile filter)	m ²	0,25
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	71
Vacuum	mbar	235
Sound level	db(A)	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	10,3 (P) - 10,9 (I)
Dimensions	mm	500x380x770

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6620000
PTFE cartridge filter (M filtration class)	2512741

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,46 m ²)	3001210
Nylon protection filter	3001017
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag I 16 x 10	6713030
Carpet brush	2512610
TNT filter	6620020
Oven filter (*)	6620005

(*) Only for I version

POWER WD 50 P/PD



WET & DRY VACUUM CLEANERS

Wet/dry vacuum cleaner equipped with a powerful and high efficiency New Generation motor. Model equipped with the Ultra FilterRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head and fixed directly to the ring, making cleaning and maintenance quick, simple and intuitive. The PD version is equipped with a drain hose to empty the container from liquids. Exhaust air filter. Great air flow rate and suction power. Driving frame in anti-shock plastic material with accessory holders. Paper filter bag, nylon filter, HEPA cartridge filter and TNT filter optional.



Accessories holder



Gangway tool (optional)



Ultra FilterRing System



PTFE cartridge filter (M filtration class)



Drain hose to empty the container from liquids (PD)



Large diameter rear wheels



TNT filter (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 50 P	14581210001	8
POWER WD 50 PD	15171210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1450
Rated power (nominal power)	W	1350
Container capacity	l	50
Useful capacity	l	35
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,35
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	74
Vacuum	mbar	260
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	14,3
Dimensions	mm	540x490x840

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6730000
PTFE cartridge filter (M filtration class)	2512741

Ø 40

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,62 m ²)	3001225
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
TNT filter	6730015
Gangway tool	6103058

POWER WD 50 I



WET & DRY VACUUM CLEANERS

Wet/dry vacuum cleaner equipped with a powerful and high efficiency New Generation motor. Model equipped with the Ultra FilteRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head and fixed directly to the ring, making cleaning and maintenance quick, simple and intuitive. Power WD 50 I is equipped with stainless steel container. Exhaust air filter. Great air flow rate and suction power. Driving frame in anti-shock plastic material with accessories holders. Paper filter bag, nylon filter, HEPA cartridge filter and TNT filter optional.



Ultra FilteRing System



PTFE cartridge filter (M filtration class)



Stainless steel container sturdy and durable



Gangway tool (optional)



Front swivel castor wheels



Large diameter rear wheels



TNT filter (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 50 I	14594010001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1450
Rated power (nominal power)	W	1350
Container capacity	l	50
Useful capacity	l	35
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,35
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	74
Vacuum	mbar	260
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	15,3
Dimensions	mm	540x490x840

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6730000
PTFE cartridge filter (M filtration class)	2512741

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,62 m ²)	3001225
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
TNT filter	6730015
Oven filter	6730005
Gangway tool	6103058

POWER WD 80.2 P/I



WET & DRY VACUUM CLEANERS

The biggest wet&dry vacuum cleaners all equipped with 2 powerful and high efficiency New Generation motors separately switchable. Model equipped with the Ultra FilteRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head, making cleaning and maintenance quick, simple and intuitive. P version with impact resistant polipropylene tank. I with stainless steel container. Little weight and compact dimensions with high level performances. Exhaust air filter. Nylon filter, spacer for plastic bag, HEPA cartridge filter, TNT filter and paper filter bag optional. All the versions with 2 big wheels and 2 castors for easy and effortlessly moving.



Motor switches



Gangway tool (optional)



Intake



Ultra FilteRing System



PTFE cartridge filter (M filtration class)



Exhaust air filter

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 80.2 P	14331210001	8
POWER WD 80.2 I	14374010001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,2
Air flow rate	l/s	142
Vacuum	mbar	225
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	21,7 (P) - 23 (I)
Dimensions	mm	660x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000
PTFE cartridge filter (M filtration class)	2512742

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,75 m ²)	3001220
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 1,20 m ²)	2512761
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
TNT filter	6830015
Oven filter (*)	6830005
Gangway tool	6103054

(*) Only for I version

POWER WD 80.2 P/I TPT



WET & DRY VACUUM CLEANERS

The biggest wet&dry vacuum cleaners all equipped with 2 powerful and high efficiency New Generation motors separately switchable. Model equipped with the Ultra FilteRing System (UFS) that, thanks to its special polypropylene spacer poling, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head, making cleaning and maintenance quick, simple and intuitive. P version with impact resistant polipropylene tank. I with stainless steel container. Little weight and compact dimensions with high level performances. Exhaust air filter. TPT: container with tilting system mounted on a driving frame. Compact wheels in antishock plastic material. Nylon filter, spacer for plastic bag, HEPA cartridge filter, TNT filter and paper filter bag (optional).



Cable holder



Switch board



Ultra FilteRing System



PTFE cartridge filter (M filtration class)



Container with tilting system



Exhaust air filter

PRODUCT IDENTIFICATION

TYPE

POWER WD 80.2 P TPT

POWER WD 80.2 I TPT

REF. NO.

14411210001

14464010001

PIECES/PALLET

8

8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,2
Air flow rate	l/s	142
Vacuum	mbar	225
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	22,5 (P) - 23,8 (I)
Dimensions	mm	650x520x955

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000
PTFE cartridge filter (M filtration class)	2512742

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,75 m ²)	3001220
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 1,20 m ²)	2512761
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
TNT filter	6830015
Oven filter (*)	6830005
Gangway tool	6103054
Set accessories Ø 50	5830022

(*) Only for I version

POWER WD 80.2 I TMT



WET & DRY VACUUM CLEANERS

Wet/dry vacuum cleaner equipped with driving frame and 2 powerful and high efficiency New Generation motors separately switchable. Model equipped with the Ultra FilteRing System (UFS) that, thanks to its special polypropylene spacer polring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head, making cleaning and maintenance quick, simple and intuitive. Stainless steel container. Equipped with new, robust metal trolley. Little weight and compact dimensions with high level performances. Exhaust air filter. TMT: container with tilting system mounted on a metal driving frame. Compact wheels in anti-shock plastic material. Nylon filter, spacer for plastic bag, HEPA cartridge filter, TNT filter and paper filter bag (optional).



Cable holder



Motor switches

Ultra FilteRing
SystemPTFE cartridge filter
(M filtration class)

Tilting system

Stainless steel
container sturdy and
durable

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER WD 80.2 I TMT	14444010001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,2
Air flow rate	l/s	142
Vacuum	mbar	225
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	23,8
Dimensions	mm	740x580x1010

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000
PTFE cartridge filter (M filtration class)	2512742

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,75 m ²)	3001220
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 1,20 m ²)	2512761
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610
TNT filter	6830015
Oven filter	6830005
Gangway tool	6103064
Set accessories Ø 50	5830022

POWER WD 90.2 PD SP



WET & DRY VACUUM CLEANERS WITH SHOCKPROOF CONTAINER

The biggest wet&dry vacuum cleaner supplied with 2 powerful and high efficiency New Generation motors separately switchable. Model equipped with the Ultra FilterRing System (UFS) that, thanks to its special polypropylene spacer ring, allows to keep the cartridge filter (M filtration class) always installed guaranteeing best suction performances and maximum motor protection (even in case of incorrect use by the operator). UFS is also a practical solution: the floating system is independent from the motor head, making cleaning and maintenance quick, simple and intuitive. POWER WD 90.2 PD SP (ShockProof), with 90 liters capacity, impact resistant container in plastic material and practical drain hose to easily empty the tank, is the Power Line model specifically designed for large areas and heavy duty cleaning tasks.



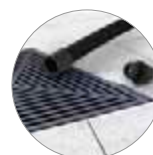
Motor switches



Intake

Ultra FilterRing
SystemPTFE cartridge filter
(M filtration class)Shockproof
container in plastic
material

Practical handle

Front swivel castor
wheels and rear
large diameter
wheels

Drain hose

PRODUCT IDENTIFICATION

TYPE

POWER WD 90.2 PD SP

REF. NO.

14281210001

PIECES/PALLET

8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Container capacity	l	90
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,2
Air flow rate	l/s	142
Vacuum	mbar	225
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	24,5
Dimensions	mm	620x530x950

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000
PTFE cartridge filter (M filtration class)	2512742

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Antifoam device	6200150
Nylon filter (filtering surface 0,75 m ²)	3001220
Nylon protection filter	3001016
HEPA cartridge filter (filtering surface 1,20 m ²)	2512761
Paper filter bag with cap l 19 x 10	6830030
Carpet brush	2512610

VACUUM CLEANERS

TOOL PRO



POWER TOOL PRO FD 22 P EL

VACUUM CLEANERS WITH POWER TOOLS CONNECTION

Professional vacuum cleaner equipped with a powerful and high efficiency New Generation motor. Supplied with the FD (Fine Dust) filtration system: three stages (paper filter bag, textile filter and cartridge filter in teflon PTFE, M filtration class) that guarantee best filtration performances and higher motor protection. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Power outlet for electric tool (max power 2000 W). Manual or automatic on/off switch when working with power tools. Usable as wet/dry vacuum cleaner only with specific "on request" accessories.



Flexible hose for electric tool



Power outlet for electric tool



Textile filter



Shocking valve



Paper filter bag



Floating system and filter cage

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER TOOL PRO FD 22 P EL	15671710001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Container capacity	l	22
Useful capacity	l	11
Useful dust bag capacity	l	7
Filtering surface (textile filter)	m ²	0,19
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	71
Vacuum	mbar	235
Sound level	db(A)	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	11,3
Dimensions	mm	500x380x640

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose Ø 29 - 5 m (EL)	6010540
Flexible hose 2,5 m	6010648
Chromed extension tube 0,5 m (*)	2511500
D 320 Dry floor tool	2511524
D 300 Squeegee tool	2511526
Upholstery tool	2511530
Round brush	2511540
Crevice tool	2511520
PTFE cartridge filter (M filtration class)	2512741
Textile filter	6656000
Paper filter bag (l 7)	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Nylon filter (filtering surface 0,20 m ²)	20-701
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag l 7 x 10	6650030

(*) 2 on standard equipment

POWER TOOL PRO FD 36 P/I EL

VACUUM CLEANERS WITH POWER TOOLS CONNECTION

Medium capacity vacuum cleaner equipped with a powerful and high efficiency New Generation motor. The I version is equipped with stainless steel container. Supplied with the FD (Fine Dust) filtration system: three stages (paper filter bag, textile filter and cartridge filter in teflon PTFE, M filtration class) that guarantee best filtration performances and higher motor protection. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Accessory holders. Exhaust air filter. Power outlet for electric tool (max power 2000 W). Manual or automatic ON/OFF control for electric power tools. Usable as wet/dry vacuum cleaner only with specific "on request" accessories.



Flexible hose for electric tool



Front swivel castor wheels



Power outlet for electric tool



Shocking valve



Textile filter



Paper filter bag



Floating system and filter cage

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER TOOL PRO FD 36 P EL	15711710001	8
POWER TOOL PRO FD 36 I EL	15755410001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Container capacity	l	36
Useful capacity	l	25
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,25
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	71
Vacuum	mbar	235
Sound level	db(A)	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	11,3 (P) - 12,3 (I)
Dimensions	mm	500x380x820

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose Ø 29 - 5 m (EL)	6010540
Flexible hose 2,5 m	6010500
Round brush	2511615
Crevice tool	2511610
PTFE cartridge filter (M filtration class)	2512741
Textile filter	6620000
Paper filter bag with cap (l 19)	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Carpet brush	2512610
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Nylon filter (filtering surface 0,46 m ²)	3001210
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030

POWER TOOL PRO FD 50 P EL

VACUUM CLEANERS WITH POWER TOOLS CONNECTION

Vacuum cleaner equipped with driving frame and a powerful and high efficiency New Generation motor. Large capacity and high installed electric power. Great suction power. Exhaust air filter. Driving frame in anti-shock plastic material with accessory holders. Equipped with the FD (Fine Dust) filtration system: three stages (paper filter bag, textile filter and cartridge filter in teflon PTFE, M filtration class) that guarantee best filtration performances and higher motor protection. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Manual or automatic ON/OFF control for electric power tools. Nylon filter and HEPA cartridge filter (optional). Usable as wet/dry vacuum cleaner only with specific "on request" accessories.



Flexible hose for electric tool



Intake



High efficiency cartridge filter (M class)



Textile filter



Paper filter bag with cap



Shocking valve



Switch board

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER TOOL PRO FD 50 P EL	15791710001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1450
Rated power (nominal power)	W	1350
Container capacity	l	50
Useful capacity	l	35
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,35
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	74
Vacuum	mbar	260
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	15
Dimensions	mm	540x490x840

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose Ø 29 - 5 m (EL)	6010540
Flexible hose 2,5 m	6010500
Round brush	2511615
Crevice tool	2511610
PTFE cartridge filter (M filtration class)	2512741
Textile filter	6730000
Paper filter bag with cap (l 19)	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Carpet brush	2512610
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Nylon filter (filtering surface 0,62 m ²)	3001225
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030

POWER TOOL PRO FD 36 P/I COMBI

VACUUM CLEANERS WITH ELECTRIC AND PNEUMATIC TOOLS CONNECTION

Medium capacity vacuum cleaner equipped with a powerful and high efficiency new generation motor; it can be used with electric and pneumatic hand tool. The I version is equipped with stainless steel container. Accessories holder. Exhaust air filter. Supplied with the FD (Fine Dust) filtration system: three stages (paper filter bag, textile filter and cartridge filter in teflon PTFE, M filtration class) that guarantee best filtration performances and higher motor protection. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Power outlet for electric tool (max power 2000 W). Power outlet for pneumatic tool, with working pressure between 2 and 10 bar. Manual or automatic ON/OFF switch for electric power tools. Usable as wet/dry vacuum cleaner only with specific "on request" accessories.



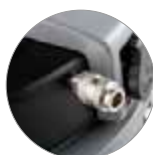
Flexible hose for pneumatic and electric tool



Front swivel castor wheels



Power outlet for electric tool



Pneumatic tool connection



Shocking valve



Large diameter rear wheels and accessories holder

PRODUCT IDENTIFICATION

TYPE

POWER TOOL PRO FD 36 P COMBI
POWER TOOL PRO FD 36 I COMBI

REF. NO.

15731710001
15775410001

PIECES/PALLET

8
8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Container capacity	l	36
Useful capacity	l	25
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,25
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	71
Vacuum	mbar	235
Sound level	db(A)	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	11,5 (P) - 12,5 (I)
Dimensions	mm	500x380x820

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose Ø 29 - 5 m (COMBI)	6010545
Flexible hose 2,5 m	6010500
Round brush	2511615
Crevice tool	2511610
PTFE cartridge filter (M filtration class)	2512741
Textile filter	6620000
Paper filter bag with cap (l 19)	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Carpet brush	2512610
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Nylon filter (filtering surface 0,46 m ²)	3001210
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030
Flexible hose Ø 29 - 5 m (EL)	6010540

POWER TOOL PRO FD 50 P COMBI

VACUUM CLEANERS WITH ELECTRIC AND PNEUMATIC TOOLS CONNECTION

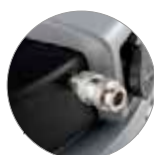
Vacuum cleaner with power outlet for electric and pneumatic tools connection. Dry vacuum cleaner equipped with driving frame and a powerful and high efficiency new generation motor. Large capacity and high installed electric power. Great suction power. Exhaust air filter. Driving frame in anti-shock plastic material with accessories holder. Equipped with the FD (Fine Dust) filtration system: three stages (paper filter bag, textile filter and cartridge filter in teflon PTFE, M filtration class) that guarantee best filtration performances and higher motor protection. Model equipped with the **"SHOCKING VALVE" system**: the semiautomatic filter cleaning system that assures an extreme duration of the filter and stops clogging, saturation and reduction of filtering capacity. Power outlet for electric tool (max power 2000 W). Manual or automatic ON/OFF switch for electric power tools. Nylon filter and HEPA cartridge filter (optional). Usable as wet/dry vacuum cleaner only with specific "on request" accessories.



Flexible hose for pneumatic and electric tool



Power outlet for electric tool



Pneumatic tool connection



Shocking valve



Reverse air flow



Switch board

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER TOOL PRO FD 50 P COMBI	15391710001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1450
Rated power (nominal power)	W	1350
Container capacity	l	50
Useful capacity	l	35
Useful dust bag capacity	l	19
Filtering surface (textile filter)	m ²	0,35
Filtering surface (cartridge filter)	m ²	0,5
Air flow rate	l/s	74
Vacuum	mbar	260
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	15
Dimensions	mm	540x490x840

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose Ø 29 - 5 m (COMBI)	6010545
Flexible hose 2,5 m	6010500
Round brush	2511615
Crevice tool	2511610
PTFE cartridge filter (M filtration class)	2512741
Textile filter	6730000
Paper filter bag with cap (l 19)	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube (0,5 m)	2512000
Carpet brush	2512610
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Nylon filter (filtering surface 0,62 m ²)	3001225
HEPA cartridge filter (filtering surface 0,5 m ²)	2512760
Paper filter bag with cap l 19 x 10	6830030
Flexible hose Ø 29 - 5 m (EL)	6010540

VACUUM CLEANERS

PERFORMANCE DRY

CLASSIC LINE



T1

BACKPACK DRY VACUUM CLEANERS

Compact, light, manageable and powerful backpack vacuum cleaner. You wear it as a backpack. Your hands are free, it doesn't hamper movements and allows to work faster and more effectively and the job results lighter. Double filtration system (cartridge filter + paper filter bag). Exhaust air filter. Accessory holders. Motor thermal protection.



Filters



Floor tool RD 285



Additional safety filter



HEPA Cartridge filter (optional)



Fleece filter bag and textile filter



Shoulder straps + accessories holder



Light and manageable

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
T1	15941210001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	900
Rated power (nominal power)	W	800
Useful dust bag capacity	l	3,3
Filtering surface (textile filter)	m ²	0,1
Filtering surface (cartridge filter)	m ²	0,42
Air flow rate	l/s	46
Vacuum	mbar	242
Sound level	db(A)	57
Power supply cable	m	15
Weight (without accessories)	Kg	4,8
Dimensions	mm	240x240x495

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 1,5 m	6010609
Telescopic tube alu	MK-022
Extension tube 0,5 m alu	01-341
RD 285 dry floor tool	2512594
D320 dry floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Cartridge filter (Filtr. Surf. 0,42 m ²)	2512749
Textile filter	6588010
Fleece filter bag l 3,3	---

Ø 32

OPTIONAL ACCESSORIES

TYPE	REF. NO.
HEPA cartridge filter (filt. surf. 0,42 m ²)	2512751
Paper filter bag l 3,3 x 10	6588035
Fleece filter bag l 3,3 x 10	6588061
Cloth filter bag	6588011
KIT SAVE:	5588010
• Carpet brush	---
• Brush for hard surface	---
• Telescopic tube (max 1,35 m)	---

T1 FLY

BACKPACK DRY VACUUM CLEANERS



Compact, light, manageable and powerful backpack vacuum cleaner. You wear it as a backpack. Your hands are free, it doesn't hamper movements and allows to work faster and more effectively and the job results lighter. Double filtration system (cartridge filter + paper filter bag). Exhaust air filter. Accessory holders. Motor thermal protection. T1 is now available in FLY version 115 V 400 Hz, which is specifically wired for On-Board Power Systems found on various Aircraft.



Filters



Floor tool RD 285



Additional safety filter



HEPA Cartridge filter (optional)



Fleece filter bag and textile filter



Shoulder straps + accessories holder



Light and manageable



Ideal for airplane cleaning

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
T1 FLY	15861250002	18

TECHNICAL DATA

Voltage - Frequency	115 V~	400 Hz
Max power rating	W	650
Rated power (nominal power)	W	650
Useful dust bag capacity	l	3,3
Filtering surface (textile filter)	m ²	0,1
Filtering surface (cartridge filter)	m ²	0,42
Air flow rate	l/s	51
Vacuum	mbar	165
Sound level	db(A)	60
Power supply cable	m	15
Weight (without accessories)	Kg	4,8
Dimensions	mm	240x240x495

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 1,5 m	6010609
Telescopic tube alu	MK-022
Extension tube 0,5 m alu	01-341
RD 285 dry floor tool	2512594
D320 dry floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Cartridge filter (Filtr. Surf. 0,42 m ²)	2512749
Textile filter	6588010
Fleece filter bag l 3,3	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
HEPA cartridge filter (filt. surf. 0,42 m ²)	2512751
Paper filter bag l 3,3 x 10	6588035
Fleece filter bag l 3,3 x 10	6588061
Cloth filter bag	6588011
KIT SAVE:	5588010
• Carpet brush	---
• Brush for hard surface	---
• Telescopic tube (max 1,35 m)	---

T1 BC LITHIUM

Lithium

BACKPACK DRY VACUUM CLEANERS WITH BATTERIES

Compact, light, manageable and powerful backpack vacuum cleaner. You wear it as a backpack. Your hands are free, it doesn't hamper movements and allows to work faster and more effectively and the job results lighter. Maximum protection and efficacy: (cartridge filter + fleece filter bag + exhaust air and motors protection filters). Accessory holders. Lithium batteries guarantee up to 55 minutes working time and very fast charging time (around 1h). T1 BC LITHIUM, with the SWIFT version, represents the perfect mix between rapidity and efficiency, thanks to lithium batteries with a running time of 25 minutes. No "memory effect": the batteries can be charged at any time, even partially, without any risk of damage.



Chargers and battery



Filters



Floor tool RD 285



Additional safety filter



HEPA Cartridge filter (optional)



Fleece filter bag and textile filter



Shoulder straps + accessories holder



Light and manageable

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
T1 BC LITHIUM	115881210119	18
T1 BC LITHIUM SWIFT	115481210119	18

TECHNICAL DATA

Power supply	Lithium batteries 24 V 280 Wh (*) - Lithium batteries 24 V 140 Wh (**)	
Max power rating	W	330
Rated power (nominal power)	W	300
Useful dust bag capacity	l	3,3
Filtering surface (textile filter)	m ²	0,1
Filtering surface (cartridge filter)	m ²	0,42
Air flow rate	l/s	30
Vacuum	mbar	125
Sound level	db(A)	54
Weight (without accessories - battery included)	Kg	7,3 (*) - 6,3 (**)
Dimensions	mm	240x240x600

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 1,5 m	6010609
Telescopic tube alu	MK-022
Extension tube 0,5 m alu	01-341
RD 285 dry floor tool	2512594
D320 dry floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Cartridge filter (Filtr. Surf. 0,42 m ²)	2512749
Textile filter	6588010
Fleece filter bag l 3,3	---
Paper filter bag l 3,3	---
Battery charger 10A (75 min charg.time) (*)	7501194
Battery kit 24 V 280 Wh (up to 55 min. running time) (*)	7589041
Battery charger 3A (1,5 h charg.time) (**)	7501181
Battery kit 24 V 140 Wh (up to 25 min. running time) (**)	6100599

OPTIONAL ACCESSORIES

TYPE	REF. NO.
HEPA cartridge filter (filt. surf. 0,42 m ²)	2512751
Paper filter bag l 3,3 x 10	6588035
Fleece filter bag l 3,3 x 10	6588061
Cloth filter bag	6588011
KIT SAVE:	5588010
• Carpet brush	---
• Brush for hard surface	---
• Telescopic tube (max 1,35 m)	---
Car charger 24-12V 3A (*)	18.0065.00
Battery charger 5A (2,5h charg.time) (*)	7501193

(*) For T1 BC LITHIUM model

(**) For T1 BC LITHIUM SWIFT model

V 10

DRY VACUUM CLEANERS

The small professional vacuum cleaner V 10 is a great combination of power and manoeuvrability, sturdiness and lightness that makes this unit highly competitive. Good manageability guaranteed by the front swivel castors and rear fixed wheels with large diameter. Ergonomic handle, cable and accessories holding systems to guarantee maximum ease of use. Suitable for satisfy cleaning needs in small and medium-sized areas like hotels, offices, shops and household environment thanks to the highly professional 700 W motor, practicality and small dimensions. Standard power supply cable (10 m).



New fixing system



Ergonomic handle and cable holder



Holding system for accessories



Front swivel castor wheels



Bayonet hose connection



Paper filter bag



Closing

PRODUCT IDENTIFICATION

TYPE

V 10

REF. NO.

12401210001

PIECES/PALLET

30

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	700
Rated power (nominal power)	W	700
Container capacity	l	12
Useful capacity	l	10
Useful dust bag capacity	l	8
Filtering surface	m ²	0,2
Air flow rate	l/s	27
Vacuum	mbar	150
Sound level	db(A)	76
Power supply cable	m	10
Weight (without accessories)	Kg	4,5
Dimensions	mm	335x390x305

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2 m	6010694
Chromed telescopic tube	2511591
Combi floor tool	2511481
Crevice tool	2005362
Insert bristle tool	2005316
Paper filter bag l 8	---
Textile filter	3001038

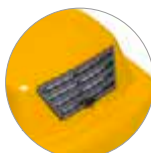
OPTIONAL ACCESSORIES

TYPE	REF. NO.
Paper filter bag l 8 x 10	6595040

AS 2

HORIZONTAL DRY VACUUM CLEANERS

Entry model of professional vacuum cleaners. It is a great combination of power and manoeuvrability, sturdiness and lightness that makes this unit highly competitive. The use of the polypropylene and a new sound dampening system, allows the vacuum cleaner to be even more silent. AS 2 is provided with cable and accessory holder.



| New fixing system | Frontal outlet air exit |

Cartridge filter |

Intake |

Paper filter bag |

Handle |

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 2	00-070-00GH	16

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1000
Rated power (nominal power)	W	800
Container capacity	l	15
Useful dust bag capacity	l	12
Filtering surface	m ²	0,5
Air flow rate	l/s	45
Vacuum	mbar	230
Sound level	db(A)	62
Power supply cable	m	10
Weight (without accessories)	Kg	4,6
Dimensions	mm	390x340x290

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	MK-024
Telescopic tube alu black	MK-022
Combi floor tool	2511538
Upholstery tool	856000101
Round brush	856000061
Crevice tool	01-325
Cartridge filter (filtering surface 0,43 m ²)	MK-016
Paper filter bag l 12	---

Ø 32

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Telescopic plus tube (max 1,35 m)	2511926
Radiator brush	01-327
HEPA cartridge filter (Filtering surface 0,43 m ²)	MK-041
Paper filter bag l 12 x 5	MK-042
Fleece filter bag l 12 x 5	6580010

AS 5 EVO

VERTICAL DRY VACUUM CLEANERS

The latest version of the compact, powerful, economical and handy model which has been the point of reference in the small dimensions professional suction. New handle, cable and accessories holding systems to guarantee maximum ease of use. Easy to remove and clean exhaust air filter. Two versions available: FT equipped with a textile filter (made of polyester) or FC equipped with a standard cartridge filter. Possibility to connect to an electric power brush. Equipped with a standard anti-shock bumper.



New handle



New holding system for accessories and cable



Exhaust air filter



Cartridge filter (FC version)



Ecological paper filter bag



Chassis with castors



Polyester filter (FT version)



Electric power brush (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 5 EVO FC (cartridge filter)	15981210001	24
AS 5 EVO FT (textile filter)	15981210060	24

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1000
Rated power (nominal power)	W	800
Container capacity	l	14
Useful capacity	l	7
Useful dust bag capacity	l	6
Filtering surface	m ²	0,15 (FC) - 0,09 (FT)
Air flow rate	l/s	50
Vacuum	mbar	210
Sound level	db(A)	60
Power supply cable	m	10
Weight (without accessories)	Kg	6
Dimensions	mm	350x350x430

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010604
Extension tube 0,5 m alu (*)	01-341
D320 floor tool	2511523
Upholstery tool	856000101
Round brush	856000061
Crevice tool	856000071
Fleece filter bag l 5	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Electric power brush (Ø 32 - 35 cm)	2512529
Cartridge filter (Filtering surface 0,29 m ²) (**)	2512702
HEPA Cartridge filter (Filtering surface 0,29 m ²)	2512709
Combi floor tool	2511538
Paper filter bag l 5 x 10	6595030
Textile filter (***)	6595000
Fleece filter bag l 5 x 10	6596010

(*) 2 on standard equipment

(**) Standard on mod. 15981210001

(***) Standard on mod. 15981210060

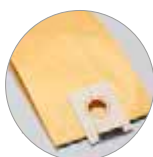
AS 10 P / I

DRY VACUUM CLEANERS

Classic and strong, product super time proved. Possible connection with an electric power brush. HEPA Cartridge filter (optional).



Floor tool



Ecological paper filter



HEPA Cartridge filter (optional)



Hook for power supply cable



Electric power brush (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 10 P	17041210001	18
AS 10 I	17014010001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1000
Rated power (nominal power)	W	800
Container capacity	l	22
Useful capacity	l	10
Useful dust bag capacity	l	7
Filtering surface	m ²	0,11
Air flow rate	l/s	53
Vacuum	mbar	160
Sound level	db(A)	60
Power supply cable	m	10
Weight (without accessories)	Kg	8,8 (P) / 9,4 (I)
Dimensions	mm	410x410x560

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010648
Chromed extension 0,5 m (*)	2511500
D320 floor tool	2511524
Crevice tool	2511520
Round brush	2511540
Upholstery tool	2511530
Textile filter	6610000
Fleece filter bag l 7	---

Ø 36

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Electric power brush (Ø 36 - L 40 cm)	2512530
Oval brush	2512050
HEPA Cartridge filter (Filtering surface 0,72 m ²)	2512700
Paper filter bag l 7 x 10	6650030
Nylon filter (Filtering surface 0,25 m ²)	3001200
Fleece filter bag l 7 x 10	6614010
Fleece filter bag l 12 x 10	6614011

(*) 2 on standard equipment

ASL 10 P / I

WET/DRY VACUUM CLEANERS

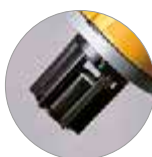
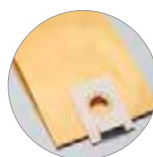
Classic and strong machines supertime proved. Possible connection with an electrical power brush. HEPA cartridge filter and paper filter bag in option.



Floor tool



Squeegee tool

HEPA cartridge filter
(optional)Anti-foam device
(optional)Cage bag support
with floaterEcological paper
filter bag (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ASL 10 P	17091210001	18
ASL 10 I	17071210001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1150
Rated power (nominal power)	W	1000
Container capacity	l	22
Useful capacity	l	6
Useful dust bag capacity	l	7
Filtering surface	m ²	0,19
Air flow rate	l/s	53
Vacuum	mbar	190
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	9,2 (P) / 9,8 (I)
Dimensions	mm	410x410x560

STANDARD ACCESSORIES

Ø 36

TYPE	REF. NO.
Flexible hose 2,5 m	6010648
Chromed extension 0,5 m (*)	2511500
D320 dry floor tool	2511524
D300 squeegee tool	2511526
Upholstery tool	2511530
Round brush	2511540
Crevice tool	2511520
Textile filter	6656000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Oval brush	2512050
Anti-foam device	6200150
HEPA Cartridge filter (Filtering surface 0,72 m ²)	2512700
Nylon filter (Filtering surface 0,46 m ²)	3001210
Paper filter bag l 7 x 10	6650030

(*) 2 on standard equipment

AS 27 P / IK

WET/DRY VACUUM CLEANERS

Medium size wet/dry vacuum cleaner. The IK version is equipped with stainless steel container and an antistatic device. HEPA cartridge filter and paper filter bag are available as an optional.



Squeegee tool



Carpet tool (optional)



Nylon filter (optional)



HEPA Cartridge filter (optional)



Anti-foam device (optional)



Cage bag support with floater

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 27 P	17131210001	12
AS 27 IK	17111210011	12

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1150
Rated power (nominal power)	W	1000
Container capacity	l	36
Useful capacity	l	25
Useful dust bag capacity	l	16
Filtering surface	m ²	0,25
Air flow rate	l/s	53
Vacuum	mbar	190
Sound level	db(A)	62
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	9,7 (P) / 10,4 (IK)
Dimensions	mm	410x410x760

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6620000

Ø 40

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension 0,5 m	2512000
Carpet tool	2512610
Anti-foam device	6200150
Nylon filter (Filtering surface 0,46 m ²)	3001210
Paper filter bag I 16 x 10	6713030
Oven filter (*)	6620005
HEPA Cartridge filter (Filtering surface 1,47 m ²)	2512710

(*) Only for IK model

AS 400 P / PD / IK

WET/DRY VACUUM CLEANERS

Wet/dry vacuum cleaner with chassis equipped with wheels/castors; good capacity and great power. The PD version is equipped with a drain hose to empty the container (liquids). The IK version is equipped with stainless steel container and an antistatic device.



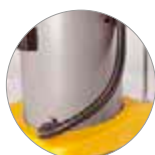
Gangway tool
(optional)



Cage bag support
with floater



Cable hook



Drain kit (PD)



Antistatic device (IK)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 400 P	17251210001	8
AS 400 PD	17261210001	8
AS 400 IK	17281210011	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1350
Rated power (nominal power)	W	1200
Container capacity	l	50
Useful capacity	l	35
Useful dust bag capacity	l	19
Filtering surface	m ²	0,35
Air flow rate	l/s	58
Vacuum	mbar	210
Sound level	db(A)	63
IP code	IPX4	
Power supply cable	m	10
Weight (without accessories)	Kg	13 (P/PD) - 14 (IK)
Dimensions	mm	500x500x840

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6730000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103058
Anti-foam device	6200150
Nylon filter (Filtering surface 0,62 m ²)	3001225
Paper filter bag with cap l 19 x 10	6830030
Cartridge filter (Filtering surface 1,63 m ²)	2512715
Oven filter (*)	6730005

(*) Only for IK model

AS 59 P / IK

WET/DRY VACUUM CLEANERS

Wet/dry vacuum cleaner with chassis equipped with wheels/castors; great capacity and performance. The IK version is equipped with stainless steel container and an antistatic device. Two motors separately switchable.



Antistatic device (IK)



Motor switches



Manual filter shaker (optional)



Cage bag support with floater



Paper filter bag with cap (optional)



Spacer for plastic bag (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 59 P	17761210001	8
AS 59 IK	17751210011	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	20 (P) - 21,3 (IK)
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103054
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022
Oven filter (*)	6830005

(*) Only for IK model

AS 59 PD SP

WET/DRY VACUUM CLEANERS WITH SHOCKPROOF CONTAINER

Wet/dry vacuum cleaner equipped with two motors separately switchable. Great capacity and performance. The "ShockProof" (SP) version of the well known AS 59 model is even sturdier, thanks to the innovative impact resistant container in plastic material. Great manoeuvrability thanks to the practical handle and the large diameter wheels. Supplied with a drain hose to easily empty the 90 liters tank. AS 59 PD SP is the ideal solution for large areas and heavy duty cleaning tasks. Nylon filter and cartridge filters (standard and HEPA) optional.



Motor switches



Manual filter shaker (optional)



Cage bag support with floater



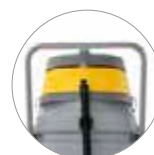
Paper filter bag with cap (optional)



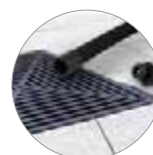
Spacer for plastic bag (optional)



Shockproof container in plastic material



Practical handle



Drain hose

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 59 PD SP	17961210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	90
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	23,1
Dimensions	mm	620x480x930

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022

AS 590 P/IK-CBN

WET/DRY VACUUM CLEANERS

Great capacity and powerful wet/dry vacuum cleaner with chassis equipped with wheels/castors. The IK version is equipped with stainless steel container and an antistatic device. Two motors separately switchable. The CBN version is equipped with container with tilting and locking system. Driving frame in anti-shock plastic material. Available in option cartridge filters M and HEPA class.



Squeegee tool



Tilting system

Manual filter shaker
(optional)Spacer for plastic
bag (optional)Paper filter bag with
cap (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 590 P CBN	15351210001	8
AS 590 IK CBN	15281210011	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	20,4 (P) - 21,3 (IK)
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103054
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022
Oven filter (*)	6830005

(*) Only for IK model

AS 590 IK CBM

WET/DRY VACUUM CLEANERS

Wet/dry vacuum cleaner with chassis equipped with wheels/castors; great capacity. The AS 590 IK CBM version is equipped with stainless steel container and anantistatic device. Two motors separately switchable. The CBM version is equipped with container with tilting system. New, robust metal trolley. Paper filter bag with cap, nylon filter and spacer for plastic bag (optional). Standard and HEPA cartridge filter (optional).



Two motors switchable



Squeegee tool



Tilting system



Manual filter shaker (optional)



Spacer for plastic bag (optional)



Paper filter bag with cap (optional)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 590 IK CBM	15271210011	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	21,3
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103064
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022
Oven filter	6830005

AS 60 P

WET/DRY VACUUM CLEANERS

High performance wet/dry vacuum cleaner. Three motors separately or simultaneously switchable. Nylon filter and spacer for plastic bag (optional). Standard and HEPA cartridge filter (optional).



Three motors switchable



Manual filter shaker (optional)



Spacer for plastic bag (optional)



Gangway tool (optional)



Cage bag support with floater

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 60 P	18011210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	24
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103054
Nylon filter (Filtering surface 0,75 m ²)	3001220
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022

AS 60 IK

WET/DRY VACUUM CLEANERS

High performance wet/dry vacuum cleaner, with driving frame and stainless steel container. Equipped with an antistatic-kit. Three motors separately or simultaneously switchable. Nylon filter and spacer for plastic bag (optional). Standard and HEPA cartridge filter (optional). Accessories Ø 50 for the highest professional use.



Intake Ø 90



Adjustable wet tool

Gangway tool
(optional)Manual filter shaker
(optional)

Spacer for plastic bag (optional)

Cage bag support
with floater

PRODUCT IDENTIFICATION

TYPE

AS 60 IK

REF. NO.

18001210011

PIECES/PALLET

8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	80
Useful capacity	l	56
Filtering surface	m ²	0,4
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	25,2
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 3 m	6010712
Curved extension tube ø 50	2511700
Adjustable wet floor tool 0,4 m	6010050
Interch. brush blades 0,4 m	2502915
Round brush	2511720
Crevice tool	2511730
Connection ø 50	2511710
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Adjustable dry brush 0,40 m	6010052
Adjustable dry brush 0,50 m	6010062
Adjustable wet floor 0,50 m	6010060
PVC extension tube 0,5 m	2512021
Gangway tool	6103059
Spacer for plastic bag	6102256
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220

AS 60 PD SP

WET/DRY VACUUM CLEANERS WITH SHOCKPROOF CONTAINER

High performance wet/dry vacuum cleaner. Three motors separately or simultaneously switchable. The "ShockProof" (SP) version of the well known AS 60 model is even sturdier, thanks to the innovative impact resistant container in plastic material. Great manoeuvrability thanks to the practical handle and the large diameter wheels. Equipped with a drain hose to easily empty the 90 liters tank. AS 60 PD SP is the ideal solution for large areas and heavy duty cleaning tasks. Nylon filter and cartridge filters (standard and HEPA) optional.



Three motors switchable



Manual filter shaker (optional)



Cage bag support with floater



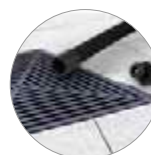
Shockproof container in plastic material



Practical handle



Front swivel castor wheels and rear large diameter wheels



Drain hose

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 60 PD SP	18021210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	90
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	25,6
Dimensions	mm	620x480x930

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Nylon filter (Filtering surface 0,75 m ²)	3001220
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022

AS 600 P CBN

WET/DRY VACUUM CLEANERS

High performance wet/dry vacuum cleaner, with driving frame. Three motors separately or simultaneously switchable. CBN: container with tilting system. Nylon filter and spacer for plastic bag (optional). Standard and HEPA cartridge filter (optional). Practical handle for an easy tank tilting/draining.



Manual filter shaker
(optional)



Tilting system



Spacer for plastic
bag (optional)



Motor switches



Cage bag support
with floater

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 600 P CBN	15611210001	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	80
Useful capacity	l	56
Useful dust bag capacity	l	19
Filtering surface	m ²	0,4
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	24,7
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Textile filter	6830000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
PVC extension tube 0,5 m	2512000
Carpet tool	2512610
Gangway tool	6103054
Spacer for plastic bag	6102255
Anti-foam device	6200150
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220
Cartridge filter (Filtering surface 1,06 m ²)	2512743
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030
Accessories set Ø 50	5830022

AS 600 IK CBN/CBM

WET/DRY VACUUM CLEANERS

High performance wet/dry vacuum cleaner. Three motors separately or simultaneously switchable. The IK CBN and IK CBM versions are equipped with stainless steel container with tilting and, an antistatic device and gives the possibility to use Ø 90 accessories. The IK CBM version is equipped with new, robust metal trolley. Nylon filter and spacer for plastic bag (optional). Standard and HEPA cartridge filter (optional). Accessories Ø50 for the highest professional use. Practice handle for on easy tank tilting/draining.



Manual filter shaker
(optional)



Tilting system CBM



Tilting system CBN



Spacer for plastic bag
(optional)



Motor switches



Cage bag support
with floater

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 600 IK CBN	15531210011	8
AS 600 IK CBM	15521210011	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	80
Useful capacity	l	56
Filtering surface	m ²	0,4
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	26
Dimensions	mm	610x520x920

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 3 m	6010712
Curved extension tube Ø 50	2511700
Adjustable wet floor tool 0,4 m	6010050
Interch. brush blades 0,4 m	2502915
Round brush	2511720
Crevice tool	2511730
Connection Ø 50	2511710
Textile filter	6830000

Ø 50

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Adjustable dry brush 0,40 m	6010052
Adjustable dry brush 0,50 m	6010062
Adjustable wet floor 0,50 m	6010060
PVC extension tube 0,5 m	2512021
Gangway tool (for CBN trolley)	6103059
Gangway tool (for CBM trolley)	6103065
Spacer for plastic bag	6102256
Manual filter shaker	6895500
Nylon filter (Filtering surface 0,75 m ²)	3001220

InPump 90.2 SP CF

WET/DRY VACUUM CLEANERS WITH INTEGRATED DISCHARGING PUMP

Wet/dry vacuum cleaner equipped with two motors separately switchable. Great capacity and performance. The innovative impact resistant container in plastic material, "ShockProof" (SP), is extremely sturdy. Great manoeuvrability thanks to the practical handle and the large diameter wheels. InPump 90.2 SP CF is equipped with the integrated discharging pump with quick-release, "Integrated Pump" (InPump), that allows a fast and continuous suction/dumping of large amounts of water in order to easily empty the 90 l tank. This unique machine's performance is very suitable for civil/emergency service, such as flooding. It can be used also as a normal dry or wet & dry vacuum cleaner. Mesh filter on standard equipment.



Two motors switchable and floating system



Shockproof container in plastic material



Plug powering discharging pump



Integrated discharging pump with quick-release



Discharge outlet



Mesh filter for coarse dirt



Squeegee tool with lateral castors

PRODUCT IDENTIFICATION

TYPE

InPump 90.2 SP CF

REF. NO.

17981610001

PIECES/PALLET

1

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	90
Useful capacity	l	56
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	29,8
Dimensions	mm	520x620x920

DISCHARGING PUMP:

• Water flow	l/min	max 220
• Max power	W	450
• Lift performance		max 8 m (flow 20 l/min)

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m	6010500
Suction tube "S"	2511600
Squeegee tool with castors	2512607
Crevice tool	2511610
Mesh filter	6610031

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Nylon protection filter	3001009

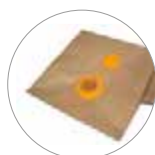
INDUSTRIAL VACUUM CLEANERS



AS 30 IK

INDUSTRIAL WET/DRY VACUUM CLEANERS SINGLE PHASE

Wet/dry vacuum cleaner with 2 motors, equipped with antistatic kit. The filtering system is made of a polyester filter + cartridge filter. Removable wet/dry container for maximum reliability. Accessories basket. Hepa cartridge filter as optional.



Paper filter bag with cap (optional)



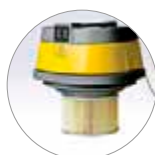
Filter cleaning by closed unit



Cage bag support



Detachable stainless steel container



Cartridge filter



Polyester filter



Floating system and lid

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 30 IK	18951210011	1

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Container capacity	l	60
Useful capacity	l	40
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,06
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	db(A)	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	45
Dimensions	mm	765x560x1280

STANDARD ACCESSORIES

TYPE	Ø 40
Flexible hose 2,5 m	REF. NO. 6010500
Suction tube "S"	2511600
Dry floor tool	6010000
Squeegee tool	6010011
Round brush	2511615
Crevice tool	2511610
Cartridge filter (Filtering surface 1,06 m ²)	2512743
Polyester filter (filtr. surf. 0,4 m ²)	6895000

OPTIONAL ACCESSORIES

TYPE	REF. NO.
HEPA Cartridge filter (Filtering surface 1,06 m ²)	2512744
Paper filter bag with cap l 19 x 10	6830030

AS 40 IK

INDUSTRIAL WET/DRY VACUUM CLEANERS SINGLE PHASE

Wet/dry vacuum cleaner with 3 motors, equipped with antistatic kit. The filtering system is made of a polyester filter + cartridge filter. Removable wet/dry container for maximum reliability. Accessories basket. HEPA cartridge filter (optional).



Filter cleaning by closed unit



Cage bag support



Detachable stainless steel container



Cartridge filter



Polyester filter



Floating system and lid

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 40 IK	18961210011	1

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	60
Useful capacity	l	40
Filtering surface (textile filter)	m ²	0,4
Filtering surface (cartridge filter)	m ²	1,06
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	49
Dimensions	mm	765x560x1280

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 3 m	6010712
Curved extension tube ø 50	2511700
Adjustable dry brush 0,40 m	6010052
Adjustable wet floor tool 0,40 m	6010050
Round brush	2511720
Crevice tool	2511730
Cartridge filter (Filtering surface 1,06 m ²)	2512743
Polyester filter (filtr. surf. 0,4 m ²)	6895000
Connection ø 50	2511710
Floating system and lid	6895250

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Adjustable dry brush 0,50 m	6010062
Adjustable wet floor 0,50 m	6010060
HEPA Cartridge filter (filt. surf. 1,06 m ²)	2512744

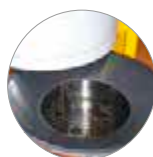
AS 40 KS/M/H

INDUSTRIAL DRY VACUUM CLEANERS SINGLE PHASE

Vacuum cleaner with 3 motors. The filtering system is made of a polyester filter + cartridge filter. Manual filter shaking system. Removable dry container for maximum reliability. AS 40 KS is available in M and H filtration class.



Clogged filter pressure gauge



Conveyor in the tank



Vacuum cleaner with 3 motors



Manual filter shaking system



Practical basket holder for accessories



Detachable stainless steel container



Intake Ø 90 (AS 40 KS)



Intake Ø 50 (AS 40 KS M/H)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AS 40 KS	18961210993	1
AS 40 KS M	18961210994	1
AS 40 KS H	18961210995	1

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	3450
Rated power (nominal power)	W	2900
Container capacity	l	60
Useful capacity	l	40
Filtering surface (textile filter)	m ²	0,5
Filtering surface (cartridge filter)	m ²	1,06 (*) - 2,10 (**) - 4,20 (***)
Air flow rate	l/s	150
Vacuum	mbar	205
Sound level	db(A)	66,5
IP code		IPX4 (*) (**) (***)
Power supply cable	m	10
Weight (without accessories)	Kg	51
Dimensions	mm	765x560x1400

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 3 m (*)	6010712
Flexible hose 3 m (**) (***)	6010711
Curved extension tube Ø 50	2511700
Adjustable dry brush 0,40 m	6010052
Round brush	2511720
Crevice tool	2511730
Cartridge filter (Filtering surface 1,06 m ²) (*)	2512743
Cartridge filter (Filtering surface 2,10 m ²) (**) (***)	2512076
Cartridge filter CLASS HEPA/H (Filtering surface 4,20 m ²) (***)	2512078
Textile filter for manual filter shaking system	6895510
Connection Ø 50	2511710
Manual filter shaking system	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Adjustable dry brush 0,50 m	6010062
Flexible hose 3 m	6010711
Stainless steel dry and wet/dry thickener separator	1897006
Paper filter bag with cap l 19 x 10 (**) (***)	6830030

(*) For AS 40 KS

(**) For AS 40 KS M version

(***) For AS 40 KS H version



POWER InDust 60 TP M/H

INDUSTRIAL DRY VACUUM CLEANERS THREE PHASE

The POWER InDust 60 TP M/H vacuum cleaner features an electronically balanced, side channel turbine with the fan directly mounted on the crankshaft. The absence of transmission devices makes the suction unit not only silent and powerful, but it also allows continuous use (h 24) without any need for regular maintenance. The magneto-thermal motor protector, allows the turbine to operate properly in any condition. The vacuum gauge, thanks to a constant monitoring of the air depression level, is able to detect the level of clogging of filters or of other parts of the suction system. A large surface area (2 m²) and high filtration capacity pocket filter allows the dust to be retained while, at the same time, ensuring an excellent air quality output. In addition to that, the practical, manual filter shaker ensures an extremely long filter life, avoiding clogs, saturation and the reduction of the filtering capacity. The quick-release recovery container and the sturdy tray equipped with non-marking wheels make the vacuum cleaner extremely easy to use. POWER InDust 60 TP M/H is available in three phases version and M or H class certified versions.



Quiet and powerful



Pocket filter made of polyester



Filter clog check



Manual filter shaker



Sturdy trolley



A wide range of optional accessories

PRODUCT IDENTIFICATION

TYPE

POWER InDust 60 TP M

POWER InDust 60 TP H

REF. NO.

12158800011

12158800021

PIECES/PALLET

1

1

TECHNICAL DATA

Voltage-Frequency	400 V ³ ~	50 Hz
Power	W	2200
Capacity	l	60
Filter	Polyester star filter M (Cartridge HEPA H)	
Filtering surface	m ²	2 (M)/ 2,6 (H)
Filtration class		M-H
Airflow max	l/s	92
Depression	mbar	180
Noise level	dB(A)	75
IP code		IP55
Weight (without accessories)	Kg	80
Dimensions	mm	650x630x1650

STANDARD ACCESSORIES

TYPE	REF. NO.
Polyester star filter CLASS M (*)	3001234
CLASS HEPA/H Cartridge filter (**)	2512713
Polyester star filter CLASS L (**)	3001237

Ø 50

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Flexible hose 3 m	01-510
Adjustable dry brush	6010052
Adjustable dry brush 0,50 m	6010062
Curved extension tube Ø 50	2511700
Connection Ø 50 (***)	2511710
Round brush	2511720
Crevice tool	2511730
Connection Ø 80/50	2501315
Flexible hose 3 m (****)	6010711
Stainless steel dry and wet/dry thickener separator	1897006

(*) For POWER InDust 60 TP M version

(**) For POWER InDust 60 TP H version

(***) Mandatory for the use of round brush (2511720) or crevice tool (2511730)

(****) Necessary for using dry and wet/dry thickener separator (1897006)



AZ 35 400 V

INDUSTRIAL DRY VACUUM CLEANERS THREE PHASE

Large size industrial vacuum cleaner, silent and with a large filtration area. Three phase motor (Y = 400 V). Standard manual filter shaking system. Removable dry container for maximum reliability. Blower. Motor thermo-protection. Turbine safety valve.



Blower



Manual filter shaking system



Filtration system



Turbine

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
AZ 35 400 V	1911208010	1

TECHNICAL DATA

Voltage - Frequency	400 V ^{3~}	50/60 Hz
Max power rating	W	3000 (50 Hz)/3600 (60 Hz)
Rated power (nominal power)	W	3000 (50 Hz)/3600 (60 Hz)
Container capacity	l	60
Useful capacity	l	45
Filtration surface	m ²	0,3
Air flow rate	l/s	85
Vacuum	mbar	250
Sound level	db(A)	60
IP code		IPX3
Power supply cable	m	10
Weight (without accessories)	Kg	100
Dimensions	mm	620x1115x960

STANDARD ACCESSORIES

TYPE	Ø 50 REF. NO.
Flexible hose 3 m	6010711
Curved extension tube Ø 50	2511700
Adjustable dry brush 0,40 m	6010052
Round brush	2511720
Crevice tool	2511730
Connection Ø 50	2511710
Complete textile filter	6911005
Manual filter shaking system	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Adjustable dry brush 0,50 m	6010062
PVC extension tube 0,50 m	2512021
Accessories Ø 40	5670022
Nylon filter (Filtration surface 0,6 m ²)	20-703

AZ 45 400 V

INDUSTRIAL DRY VACUUM CLEANERS THREE PHASE

Large size industrial vacuum cleaner, silent and with a large filtration area. Three phase motor ($\Delta = 400\text{ V} - Y = 690\text{V}$). Standard manual filter shaking system. Removable dry container. Blower. Motor thermo-protection. Turbine safety valve.



Blower



Manual filter shaking system



Filtration system



Turbine

PRODUCT IDENTIFICATION

TYPE

AZ 45 400 V

REF. NO.

19121208001

PIECES/PALLET

1

TECHNICAL DATA

Voltage - Frequency	400 V ³ ~	50 Hz
Max power rating	W	5500
Rated power (nominal power)	W	5500
Container capacity	l	75
Useful capacity	l	55
Filtration surface	m ²	0,3
Air flow rate	l/s	111
Vacuum	mbar	265
Sound level	db(A)	63
IP code		IPX3
Power supply cable	m	10
Weight (without accessories)	Kg	160
Dimensions	mm	780x480x1100

STANDARD ACCESSORIES

Ø 50

TYPE

REF. NO.

Flexible hose 3 m	6010712
Curved extension tube Ø 50	2511700
Adjustable dry tool 0,50 m	6010062
Round brush	2511720
Crevice tool	2511730
Connection Ø 50	2511710
Complete textile filter	6912000
Manual filter shaking system	---

OPTIONAL ACCESSORIES

TYPE

REF. NO.

Adjustable dry brush 0,40 m	6010052
PVC extension tube 0,50 m	2512021
Nylon filter (Filtration surface 0,95 m ²)	3001215

ATEX INDUSTRIAL VACUUM CLEANERS



POWER InDust AX 20 SP/TP Z22



ATEX CERTIFIED INDUSTRIAL VACUUM CLEANERS SINGLE PHASE (SP) AND THREE PHASE (TP)

The POWER InDust AX 20 SP Z22 vacuum cleaner features an ATEX22 II 3D certified side channel blower suction unit, with the fan directly connected to the crankshaft. The absence of transmission devices makes the suction unit not only silent and powerful, but it also allows continuous use (h 24) without any need for regular maintenance. Engine cooling is continually guaranteed by a vacuum limiter valve equipped with an anti-static safety filter. The vacuum gauge, thanks to a constant monitoring of the air depression level, is able to detect the level of clogging of filters or of other parts of the suction system. All the electrical components of the machine are explosion proof (EX). The high-efficiency (M antistatic class) and large surface (3 m²) filter can be easily cleaned in a semi-automatic way thanks to the shocking valve put on the filter chamber. The quick-release recovery container and the sturdy tray equipped with non-marking wheels make the vacuum cleaner extremely easy to use. Power InDust AX 20 SP Z22 is available in single-phase (SP) and three phases (TP) versions, with M class certification.



Quiet and powerful



Shocking valve



Sturdy trolley



Filter clog check



Conical cartridge filter



ATEX Z22 II 3D certification



Wide range of anti-static accessories

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER InDust AX 20 SP Z22	12058800001	1
POWER InDust AX 20 TP Z22	12008800001	1

TECHNICAL DATA

Voltage-Frequency	230 V ~ 50 Hz (*) 400 V ³ ~ 50 Hz (**)
Power	W 1800
Capacity	l 20
Filter	Antistatic cartridge polyester filter
Filtering surface	m ² 3
Filtration class	M
Air load on primary filter	m ³ /m ² /h 83
Airflow max	l/s 69
Depression	mbar 180
Noise level	dB(A) 75
IP code	IP55 (SP) - IP65 (TP)
ATEX Zone	22 - II 3 D
Weight (without accessories)	Kg 64
Dimensions	mm 520x480x1230



STANDARD ACCESSORIES

TYPE	REF. NO.
Antistatic conical cartridge filter CLASS M	2512716

Ø 50

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Antistatic accessories kit Ø 40	5200000
Connection Ø 40	2560901
Connection 50/40	2560902
Adapter	2511715
Antistatic flexible hose Ø 40	2511064
Conic nozzle Ø 40	2504714
Double curve Ø 40	2511716
Dry floor tool Ø 40	2512575

(*) For POWER InDust AX 20 SP Z22 version

(**) For POWER InDust AX 20 TP Z22 version

POWER InDust AX 60 TP Z22



ATEX CERTIFIED INDUSTRIAL VACUUM CLEANERS THREE PHASE

The POWER InDust AX 60 TP Z22 vacuum cleaner features an ATEX22 II 3D certified side channel blower suction unit which is directly connected to the crankshaft. The absence of transmission devices makes the suction unit not only silent and powerful, but it also allows continuous use (h 24) without any need for regular maintenance. The magneto-thermal motor protector allows the turbine to operate properly in any condition. Engine cooling is continually guaranteed by a vacuum limiter valve equipped with an anti-static safety filter. The vacuum gauge, thanks to a constant monitoring of the air depression level, is able to detect the level of clogging of filters or of other parts of the suction system. All the electrical components of the machine are explosion proof (EX). The high-efficiency (M antistatic class) and large surface (2 m²) filtration filter can be easily cleaned thanks to the practical, manual filter shaker which is able to guarantee a very long filter life, avoiding clogs, saturation and the reduction of the filtering capacity. The quick-release recovery container and the sturdy tray equipped with non-marking wheels make the vacuum cleaner extremely easy to use. POWER InDust AX 60 TP Z22 is available in three phases version, with M class certified.



Quiet and powerful



Sturdy trolley



Manual filter shaker



Great capacity



Filter clog check



Anti-static pocket filter made of polyester



ATEX Z22 II 3D certification



Wide range of anti-static accessories

PRODUCT IDENTIFICATION

TYPE

POWER InDust AX 60 TP Z22

REF. NO.

12108800001

PIECES/PALLET

1

TECHNICAL DATA

Voltage-Frequency	400 V ^{3~} 50 Hz
Power	W 3000
Capacity	l 60
Filter	Polyester antistatic star filter M
Filtering surface	m ² 2
Filtration class	M
Air load on primary filter	m ³ /m ² /h 150
Airflow max	l/s 83
Depression	mbar 190
Noise level	dB(A) 74
IP code	IP55
ATEX Zone	22 - II 3 D
Weight (without accessories)	Kg 80
Dimensions	mm 650x630x1650



STANDARD ACCESSORIES

Ø 50

TYPE

Polyester antistac star filter CLASS M

REF. NO.

3001236

OPTIONAL ACCESSORIES

TYPE

Antistatic accessories kit Ø 50

Connection Ø 50

Adaptor Ø 80 / Ø 50

Antistatic flexible hose Ø 50

Conic nozzle Ø 50

Double curve Ø 50

Dry floor tool Ø 50

REF. NO.

5200001

2560903

2501315

2511063

2504713

2511717

2512576

HOUSEHOLD VACUUM CLEANERS



HOUSEHOLD VACUUM CLEANERS

Domestic vacuum cleaner not only for the kitchen but also for small laboratories, shops, hobby rooms etc. ON/OFF foot-switch. Equipped with removable and washable bucket-bin (l 15) with footleverage system to open the cover. Equipped with paper filter bag and 20 plastic bags for the bin.



Easy access to the components



Paper filter bag



Plastic bags for the bin



Jerky closing



ON/OFF foot-switch



Foot leverage system to open the cover

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
BRICIOLO®	15856410001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1380
Rated power (nominal power)	W	1200
Useful dust bag capacity	l	3,5
Filtering surface	m ²	0,11
Air flow rate	l/s	56
Vacuum	mbar	250
Sound level	db(A)	68
Power supply cable	m	1,5
Weight (without accessories)	Kg	6,5
Dimensions	mm	320x350x455

STANDARD ACCESSORIES

TYPE	REF. NO.
20 polyethylene bags	6585000
Paper filter bag	---

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Paper filter bag l 3,5 x 10	6585005

ACCESSORIES FOR VACUUM CLEANERS





TEXTILE FILTERS

REF.NO	DESCRIPTION
6656000	POWER WD 22, POWER TOOL PRO FD 22 P EL, ASL10
6620000	POWER WD 36, POWER TOOL PRO FD 36, AS27
6730000	POWER WD 50, POWER TOOL PRO FD 50, AS400
6830000	POWER D 80.2 P, POWER WD 80.2-90.2, AS59, AS590, AS60, AS600
6595000	AS5 EVO
6588010	T1
3001038	V 10
6610000	POWER D 22, AS10
6895000	AS 30 IK, AS 40 IK
6895510	Textile filter for manual filter shaking system
3001234	POWER INDUST 60 TP M
3001237	POWER INDUST 60 TP H
6911005	AZ 35
6912000	AZ 45

NYLON FILTERS

REF.NO	DESCRIPTION
3001210	POWER WD 22-36, POWER TOOL PRO FD 36, ASL10, AS27
3001225	POWER WD 50, POWER TOOL PRO FD 50, AS400
3001220	POWER D 80.2 P, POWER WD 80.2-90.2, AS59, AS590, AS60, AS600, AS30, AS40
20-701	POWER TOOL PRO FD 22 P EL
20702H	POWER TOOL PRO FD 36
3001200	POWER D 22, AS10
3001215	AZ 45
20-703	AZ 35

CARTRIDGE FILTERS

REF.NO	DESCRIPTION
2512750	POWER D 12
2512745	POWER D 22
2512741	POWER WD 22-36-50, POWER TOOL PRO FD 22-36-50
2512742	POWER D 80.2, POWER WD 80.2-90.2
2512743	AS59, AS590, AS60, AS600, AS30, AS40 KS
2512076	AS 40 KS M
2512078	AS 40 KS H
2512749	T1
MK-016	AS2
2512702	AS5 EVO
2512715	AS400

HEPA CARTRIDGE FILTERS

REF.NO	DESCRIPTION
2512755	POWER D 12
2512747	POWER D 22
2512760	POWER WD 22-36-50, POWER TOOL PRO FD 22-36-50
2512761	POWER D 80.2, POWER WD 80.2-90.2
2512744	AS59, AS590, AS60, AS600, AS30, AS40
2512713	POWER INDUST 60 TP H
2512751	T1
MK-041	AS2
2512709	AS5 EVO
2512700	AS10, ASL10
2512710	AS27

PAPER FILTER BAGS

REF.NO	DESCRIPTION
6582030	POWER D 12 (I 12 X 10)
6650030	POWER D 22, POWER WD 22, POWER TOOL PRO FD 22 P EL, AS10, ASL10 (I 7 X 10)
6713030	POWER WD 36, AS27 (I 16 X 10)
6830030	POWER D 80.2 P, POWER WD 50-80.2-90.2, POWER TOOL PRO FD 36-50, AS400, AS59, AS590, AS60 P, AS600 P CBN, AS30, AS 40 KS M/H (I 19 X 10)
6588035	T1 (I 3,3 X 10)
6595040	V 10 (I 8 X 10)
MK-042	AS2 (I 12 X 5)
6595030	AS5 EVO (I 5 X 10)
6585005	BRICIOLO (I 3,5 X 10)



FLEECE FILTER BAGS

REF.NO	DESCRIPTION
6580010	AS2 (l 12 X 5)
6596010	AS5 EVO (l 5 X 10)
6582035	POWER D 12 (l 12 X 10)
6614010	POWER D 22, POWER WD 22, AS10, ASL 10, POWER EXTRA 7 (l 7 X 10)
6614011	POWER D 22, POWER WD 22, AS10, ASL 10, POWER EXTRA 7 (l 12 X 10)
6588061	T1 (l 3,3 X 10)

NONWOVEN FABRIC FILTER

REF.NO	DESCRIPTION
6620020	Nonwoven fabric filter POWER WD 36
6730015	Nonwoven fabric filter POWER WD 50
6830015	Nonwoven fabric filter POWER WD 80.2, POWER WD 90.2

OTHER FILTERS

REF.NO	DESCRIPTION
6588011	CLOTH FILTER BAG T1
6610031	MESH FILTER InPump 90.2 SP CF

ACCESSORIES Ø 32 MM

REF.NO	DESCRIPTION
MK-024	Flexible hose 2,5 m A
6010667	Flexible hose 2,5 m B
6010604	Flexible hose 2,5 m C
6010609	Flexible hose 1,5 m D
6010694	Flexible hose 1,5 m
MK-022	Telescopic tube alu black E
2511591	Chromed telescopic tube
2511926	Telescopic plus tube (max 1,35 m)
2512015	Extension tube 0.5 m
01-341	Extension tube 0,5 m alu F
2511538	Combi floor tool G
2511481	Combi floor tool
2511523	D320 floor tool H
856000101	Upholstery tool I
2512594	RD 285 dry floor tool J
856000061	Round brush K
01-327	Radiator brush L
01-325	Crevice tool M
856000071	Crevice tool
2005362	Crevice tool
2005316	Insert bristle tool
5588010	KIT SAVE: carpet brush (1) 2511536 + brush for hard surface (2) 2511537 + telescopic tube (max 1,35 m) (3) 2511926



ACCESSORIES Ø 36 MM

REF.NO	DESCRIPTION
6010648	Flexible hose 2,5 m A
6010540	Flexible hose Ø 29 - 5 m (EL) B
2511500	Chromed extension tube 0,5 m C
2511524	D 320 Dry floor tool D
2511526	D 300 Squeegee tool E
2511530	Upholstery tool F
2511540	Round brush G
2511520	Crevice tool H
2512050	Oval brush I





ACCESSORIES Ø 40 MM

REF.NO	DESCRIPTION	
6010540	Flexible hose Ø 29 - 5 m (EL)	
6010545	Flexible hose Ø 29 - 5 m (COMBI)	
6010500	Flexible hose 2,5 m	A
6010505	Flexible hose 4 m	
2511600	Suction tube "S"	B
2512000	PVC extension tube (0,5 m)	C
6010000	Dry floor tool	D
6010011	Squeegee tool	E
2512607	Squeegee tool with castors	
2511615	Round brush	F
2511610	Crevice tool	G
2512610	Carpet brush	H
2511620	Connection 40/36	I
5670012	Set accessories Ø 40 (6010500 + 2511600 + 6010000 + 6010011 + 2511610 + 2511615)	
6170045	KIT AUTO: Special rubber crevice tool (1) 2511611 + Special rubber curved tool (2) 2511613 + Brush for curved tool (3) 2511612	J



ACCESSORIES Ø 50 MM

REF.NO	DESCRIPTION	
6010712	Flexible hose 3 m	A
6010711	Flexible hose 3 m	A
2511700	Curved extension tube Ø 50	B
2512021	PVC extension tube 0,5 m	C
6010050	Adjustable wet floor tool 0,4 m	D
6010052	Adjustable dry brush 0,40 m	
6010060	Adjustable wet floor 0,50 m	E
6010062	Adjustable dry brush 0,50 m	
2511710	Connection Ø 50	
2511720	Round brush	G
2511730	Crevice tool	H
5830022	Set accessories Ø 50 (6010711 + 2511700 + 2511720 + 2511730 + 6010050 + 2511710)	
2501315	Connection Ø 80/50	



ELECTRIC POWER BRUSH

REF.NO	DESCRIPTION
2512537	Electric power brush (Ø 32 - L 35 cm) POWER D 12, POWER D 22
2512529	Electric power brush (Ø 32 - L 35 cm) AS5 EVO
2512530	Electric power brush (Ø 36 - L 40 cm) AS10



OTHER ACCESSORIES

REF.NO	DESCRIPTION
6895500	Manual filter shaker
6895510	Textile filter for manual filter shaking system
6103058	Gangway tool POWER WD 50, AS400
6103054	Gangway tool POWER WD 80.2 P/I-P/I TPT, AS590, AS59 P-IK, AS60 P, AS600 P CBN
6103059	Gangway tool AS600/AS 60 IK
6103064	Gangway tool (for CBM trolley) Ø 50, POWER WD 80.2 I TMT
6103065	Gangway tool (for CBM trolley) Ø 90
6200150	Antifoam device
6010313	Discharge hose for inox tank
6010314	Discharge hose for plastic tank
6102255	Spacer for plastic bag 58 l - Ø 50
6102256	Spacer for plastic bag 58 l - Ø 90

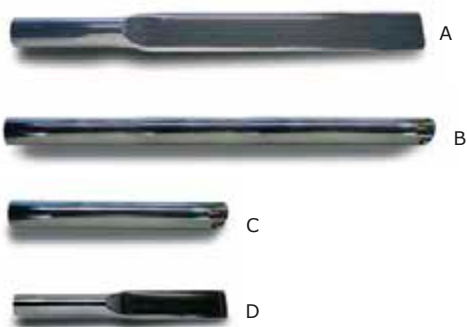
BAKING OVEN SET Ø 40 MM

REF.NO	DESCRIPTION	
7500903	Complete set	(from A to G)
6010553	Flexible metal/ceramic hose 3 m	A
2511991	Extension aluminium tube, insulated 1 m	B
2511992	Extension aluminium tube, half-insulated 1 m	C
2511995	Extension aluminium tube without insulation 1 m	D
01-451	Oven nozzle with Teflon	E
7500912	Antistatic device	F
6201403	Complete oven cuff	G
6620005	Oven filter POWER WD 36 I, AS 27	
6730005	Oven filter POWER WD 50 I, AS 400	
6830005	Oven filter POWER WD 80.2 I, AS 59 IK, AS 590	



STAINLESS STEEL ACCESSORIES Ø 40 MM

REF.NO	DESCRIPTION	
2511630	Crevice tool L.605	A
2511631	45° Cut tool L.605	B
2511632	45° Cut tool L.305	C
2511633	Crevice tool L.305	D





DRY AND WET/DRY SEPARATOR - SETTLER

REF.NO	DESCRIPTION	
19020600001	(*) Stainless steel dry thickener separator	
1897006	(*) Stainless steel dry and wet/dry thickener separator	
1897007	(*) Plastic dry and wet/dry thickener separator on trolley	
	(*) = complete with:	
6010500	Complete flexible hose 2,5 m	A
2512090	Tool holder	B
6010200	Hose for cleaning burners 1 m	C
6010210	Hose for cleaning burners tube 0,5 m	D
6010500	For mod. 19020600001 For units with Ø 50 intake	
6010711	For mod. 1897006 e 1897007 - For units with Ø 50 intake	
6010712	For units with Ø 90 intake	

ACCESSORIES FOR ATEX VACUUM CLEANERS

ACCESSORIES FOR ATEX VACUUM CLEANERS

REF.NO	DESCRIPTION
FILTERS	
2512716	Antistatic conical cartridge filter CLASS M (POWER InDust AX 20 SP/TP Z22)
3001236	Polyester antistatic star filter CLASS M (POWER InDust AX 60 TP Z22)

POWER InDust AX 20 SP/TP Z22

5200000	Antistatic accessories kit Ø 40
2560901	Connection Ø 40
2560902	Connection 50/40
2511715	Connection
2511064	Antistatic flexible hose Ø 40
2504714	Conic nozzle Ø 40
2511716	Double curve Ø 40
2512575	Dry floor tool Ø 40

POWER InDust AX 60 TP Z22

5200001	Antistatic accessories kit Ø 50
2560903	Connection Ø 50
2501315	Connection Ø 50
2511063	Antistatic flexible hose Ø 50
2504713	Conic nozzle Ø 50
2511717	Double curve Ø 50
2512576	Dry floor tool Ø 50



SPRAY-EXTRACTION CLEANERS CLASSIC LINE POWER EXTRA



M 26

SPRAY-EXTRACTION CLEANERS

Spray-extraction cleaner mounted on driving frame. Stainless steel container. The CEME version is equipped with a powerful pump of 60 W, spray rate 4,25 l/min, spray pressure 6 bar. The ULKA version is equipped with a powerful pump of 28 W, spray rate 0,95 l/min, spray pressure 4 bar. Pump thermo-protection. Separated pump control. Standard drain system. AUTO version (specific for automotive and carwash sector) is equipped only with hand nozzle and 6 m spray-ex hose Ø 40.



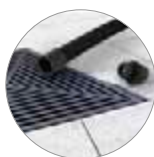
Floor spray-ex alu tool (optional)



Hand spray-ex tool



Quick connection



Drain system



Cleaning solution tank



Floor tool



Ideal for every type of textile surface

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
M 26 I ULKA	19131210005	8
M 26 I CEME	19131212002	8
M 26 I Auto CEME	19131210191	8

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2300
Rated power (nominal power)	W	1900
Cleaning solution tank	l	12
Useful capacity for dirty water	l	56
Air flow rate	l/s	100
Vacuum	mbar	190
Sound level	dbA	65
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	24,5
Dimensions	mm	610x540x920

STANDARD ACCESSORIES

Ø 40

TYPE	REF. NO.
Flexible hose 3 m (***)	6493150
Flexible hose 6 m (*)	6493151
Hand spray-ex tool	7180074
Spray-ex floor tool with "S" tube (**)	6935730

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Floor spray-ex alu tool	7180089

(*) Only for ULKA and Auto CEME versions

(**) Only for ULKA and CEME versions

(***) Only for CEME version

POWER EXTRA 7 P/I/I Auto

SPRAY-EXTRACTION CLEANERS

Compact model to clean, wash and dry every type of textile surface. The I version is equipped with stainless steel container. The Auto version is equipped with spray-ex upholstery tool and above all a 6 m spray-ex hose (Ø 40) to clean without any effort the car interiors (even the less accessible areas). Equipped with a powerful pump: 28 W, water spray rate 0,95 l/min, pressure 4 bar 7 liters solution tank capacity (removable solution tank). Separated pump control.



Hand spray-ex tool
(standard for Auto
version)



Switch board



Ideal for every type
of textile surface



Quick connection



Removable solution
tank

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER EXTRA 7 P	16221210001	18
POWER EXTRA 7 I	16244010001	18
POWER EXTRA 7 I Auto	16254010001	18

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Cleaning solution tank	l	7
Useful capacity for dirty water	l	11
Air flow rate	l/s	71
Vacuum	mbar	235
Pressure	bar	4
Sound level	dbA	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	11
Dimensions	mm	500x380x485

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose 2,5 m (**)	6010632
Integrated suction tube 0,5 m (*) (**)	2511485
Spray-ex floor tool Ø36 (**)	6010692
Hand spray-ex tool Ø36 (**)	6010695
Funnel Ø8 (**)	2001814
Flexible hose 6 m (***)	6493151
Hand spray-ex tool Ø40 (***)	7180074

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Flexible hose	6010650
Suction tube 0,5 m	2511500
Round brush	2511540
Crevice tool	2511520
Upholstery tool	2511530
D320 dry floor tool	2511524
D300 squeegee tool	2511526
Cartridge filter (Filt. surf. 0,4 m²)	2512745
HEPA Cartridge filter (Filt. surf. 0,4 m²)	2512747
Textile filter	6656000
Paper filter bag I 7 x 10	6650030
Floor spray-ex alu tool (***)	7180089
Fleece filter bag I 7 x 10	6614010
Fleece filter bag I 12 x 10	6614011

(*) 2 on standard equipment

(**) Only for P/I version

(***) Only for I AUTO version (Ø 40)

POWER EXTRA 11 I/I Auto

SPRAY-EXTRACTION CLEANERS

Despite the small size, Power Extra 11 is able to achieve the performance of a bigger professional machine. Ideal for the automotive sector and to clean every type of textile and moquette surface. The standard versions consists of a 3m hose (Ø 40), the sprayex upholstery tool and the spray ex floor tool. The Auto version is equipped with spray-ex upholstery tools and above all with the 6 m spray-ex hose; perfect for the car interiors and for every hard to reach area. Equipped with a powerful pump (48 W), water spray rate 1,1 l/ min, pressure 7 bar 11 liters solution tank, easy to fill thanks to the filling port 12 liter recovery tank. Power Extra 11 can be easily drained either using the practical drain hose or removing the whole tank and emptying it. Separated pump control.



Hand spray-ex tool



Spray-ex floor tool



Spray-ex floor alu tool (optional)



Large and robust filling port



Nylon protection filter



Practical and easy to use



Ideal for every type of textile surface

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER EXTRA 11 I	14754010001	4
POWER EXTRA 11 I Auto	14764010001	4

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Cleaning solution tank	l	11
Useful capacity for dirty water	l	12
Air flow rate	l/s	71
Vacuum	mbar	235
Pressure	bar	7
Sound level	dbA	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	16,5
Dimensions	mm	890x420x550

STANDARD ACCESSORIES

TYPE	REF. NO.
Hand spray-ex tool Ø 40	7180074
Flexible hose 3 m (*)	6493150
Spray-ex floor tool Ø 40 (*)	6935730
Flexible hose 6 m (**)	6493151
Nylon protection filter	3001009

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Spray-ex floor alu tool	7180089

(*) For Power Extra 11 I version

(**) For Power Extra 11 I Auto version

POWER EXTRA 21 I/I Auto

SPRAY-EXTRACTION CLEANERS

Professional high level spray extractor cleaners. Power Extra 21 combines the high tank capacity with top level power and performance. The standard versions consists of a 3 m hose (Ø 40), the spray-ex upholstery tool and the spray ex floor tool. The Auto version is equipped with spray-ex upholstery tool and above all with the 6 m spray-ex hose; perfect for the car interiors and for every hard to reach area. Equipped with a powerful pump (48 W), water spray rate 1,1 l/min, pressure 7 bar 21 liters solution tank, easy to fill thanks to the filling port. 22 liter recovery tank. Power Extra 21 can be easily drained either using the practical drain hose or removing the whole tank and emptying it. Separated pump control.



Hand spray-ex tool



Spray-ex floor tool



Spray-ex floor alu tool (optional)



Large and robust filling port



Nylon protection filter



Practical and easy to use



Ideal for every type of textile surface

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER EXTRA 21 I	14624010001	2
POWER EXTRA 21 I Auto	14634010001	2

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	1250
Rated power (nominal power)	W	1100
Cleaning solution tank	l	21
Useful capacity for dirty water	l	22
Air flow rate	l/s	71
Vacuum	mbar	235
Pressure	bar	7
Sound level	dbA	60
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	18,5
Dimensions	mm	900x530x520

STANDARD ACCESSORIES

TYPE	REF. NO.
Hand spray-ex tool Ø 40	7180074
Flexible hose 3 m (*)	6493150
Spray-ex floor tool Ø 40 (*)	6935730
Flexible hose 6 m (**)	6493151
Nylon protection filter	3001016

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Spray-ex floor alu tool	7180089

(*) For Power Extra 21 I version

(**) For Power Extra 21 I Auto version

POWER EXTRA 31 I

SPRAY-EXTRACTION CLEANERS

Power Extra 31 is the top model of the range, suitable for every kind of application and cleaning task. Versatility and max performance (twin vac motors), declined and diversified in three versions, all with the classic stainless steel tanks. The standard version consists of a 3 m hose (Ø 40), the spray ex upholstery tool and the spray ex floor tool; this model is available either with the standard Ulka pump (48 W power, 1,1 l/min water spray rate, 7 bar pressure) or with the Ceme one (60 W power, 4,5 l/min water spray rate, 6 bar pressure). The Auto version (equipped with Ceme pump too) comes with spray-ex upholstery tool and above all with the 6 m spray-ex hose, perfect for the car interiors and for every hard to reach areas. 31 liters solution tank, easy to fill thanks to the filling port. 32 liter recovery tank, it can be easily drained either using the practical drain hose or removing the whole tank and emptying it. Separated pump control.



Hand spray-ex tool



Spray-ex floor tool



Spray-ex floor alu tool (optional)



Large and robust filling port



Nylon protection filter



Practical and easy to use



Ideal for every type of textile surface

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER EXTRA 31 I ULKA	14524010002	2
POWER EXTRA 31 I CEME	14524010001	2
POWER EXTRA 31 I Auto CEME	14534010001	2

TECHNICAL DATA

Voltage - Frequency	220-240 V~	50/60 Hz
Max power rating	W	2500
Rated power (nominal power)	W	2200
Cleaning solution tank	l	31
Useful capacity for dirty water	l	32
Air flow rate	l/s	142
Vacuum	mbar	225
Pressure	bar	7 (ULKA)/6 (CEME)
Sound level	dbA	82
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	26,5
Dimensions	mm	960x630x550

STANDARD ACCESSORIES

TYPE	REF. NO.
Hand spray-ex tool Ø 40	7180074
Flexible hose 3 m (*)	6493150
Spray-ex floor tool Ø 40 (*)	6935730
Flexible hose 6 m (**)	6493151
Nylon protection filter	3001016

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Spray-ex floor alu tool	7180089

(*) For Power Extra 31 I Ulka / Ceme version

(**) For power Extra 31 I Auto Ceme version

ACCESSORIES FOR SPRAY-EXTRACTION CLEANERS





ACCESSORIES Ø 36

REF.NO	DESCRIPTION	TYPE
6010632	Flexible hose 2,5 m	POWER EXTRA 7 P / I
2511485	Integrated suction tube 0,5 m	POWER EXTRA 7 P / I
6010692	Spray-ex floor tool Ø 36	POWER EXTRA 7 P / I
6010695	Hand spray-ex tool Ø 36	POWER EXTRA 7 P / I



ACCESSORIES Ø 40

REF.NO	DESCRIPTION	TYPE
6493150	Flexible hose 3 m	POWER EXTRA 11-21 I, POWER EXTRA 31 I ULKA - I CEME, M26 CEME
6493151	Flexible hose 6 m	POWER EXTRA 7-11-21-31 I Auto, M26 ULKA - Auto CEME
6935730	Spray-ex floor tool Ø 40	POWER EXTRA 11-21 I, POWER EXTRA 31 I ULKA - I CEME, M26 ULKA - CEME
7180074	Hand spray-ex tool	M26, POWER EXTRA 7 I Auto, POWER EXTRA 11-21-31
7180089	Floor spray-ex alu tool	POWER EXTRA 7 I Auto, POWER EXTRA 11-21-31, M26



FILTERS

REF.NO	DESCRIPTION	TYPE
3001009	Nylon protection filter	POWER EXTRA 11
3001016	Nylon protection filter	POWER EXTRA 21-31

STEAM GENERATORS POWER STEAM



POWER STEAM 6.3 ER P/I

STEAM GENERATORS

Power steam generators with automatic (external) water recharge stand out for the innovative and attractive design, the ease of use and above all for the outstanding performance. The high resistances power, the 6 bar operating pressure together with the 1250 W vac motor guarantee top performance. The high water tank capacity (8 l) ensures up to 4h non-stop running time. The high steam operating temperature (the machine can reach up to 175 °C) and the plated stainless steel resistances (low porosity, higher resistance to limestone) complete the set of remarkable technical features which make this machine something unique in the market. Available in both plastic and stainless steel versions and with a wide range of standard and optional accessories.



Warning lights



Plug connection to the boiler



Boiler



8 liters external tank



Safety valve



Operating handle with double protection against steam emissions



Double filter motor protection

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
POWER STEAM 6.3 ER P	14111210001	4
POWER STEAM 6.3 ER I	14164010001	4

TECHNICAL DATA

Max Power	W	4250
Max power consumption	W	3100
Vacuum power nom/max rating	W	1100/1250
Tank capacity	l	22
Rated boiler capacity	l	3,8
Useful boiler capacity	l	3
Resistance power	W	2000+1000
Ampère	A	14
External recharge tank capacity	l	8
Pressure	bar	6
Temperature	°C	175
Air flow rate	l/s	71
Vacuum	mbar	235
Power supply		220V-50/60Hz
IP code		IPX4
Power supply cable	m	10
Weight (without accessories)	Kg	19
Dimensions	mm	760x390x900

STANDARD ACCESSORIES

TYPE	REF. NO.
Flexible hose steam/vacuum (2,5 m)	6010841
Rigid extensions steam/vacuum (1 x 0.5 m) (*)	2511489
Steam/vacuum tool body (400 mm)	2511478
Insert floor tool (400 mm)	2511936
Insert wet tool (400 mm)	2511935
Squeegee tool	2511660
Steam lance - accessories holder	2511578
Rubber steam tool	2511479
Nylon small brush	2512560
Brass small brush	2512561
Steam/vacuum tool body (150 mm)	2511670
Insert squeegee tool (150 mm)	2511672
Insert bristle tool (150 mm)	2511671

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Steam/vacuum tool body (300 mm)	2511480
Insert wet tool (300 mm)	2511558
Insert carpet tool (300 mm)	2511934
Insert floor tool (300 mm)	2511932
Nylon round brush Ø 70	2512556
Little plunger Ø 70	2512558
Bronze round brush Ø 70	2512557
Upholstery steam/vacuum tool body	2511675
Insert wet upholstery tool (100 mm)	2511676
Round brush Ø 70	2512571
Scraper	2511582
Steel round brush	2512570
Extension (120 mm)	2511581
Steam / vacuum crevice tool with nozzle	2512559
Radiator brush	2511586
Crevice tool (210 mm)	2511585
Insert carpet tool with skates (400 mm)	2511937

(*) 2 on standard equipment

ACCESSORIES FOR STEAM GENERATORS





FILTERS

REF.NO	DESCRIPTION
3001009	Nylon protection filter
6730110	Nylon filter (white)

STANDARD ACCESSORIES

REF.NO	DESCRIPTION	
6010841	Flexible hose steam/vacuum (2,5 m)	A
2511489	Rigid extensions steam/vacuum (1 x 0.5 m) (*)	B
2511478	Steam/vacuum tool body (400 mm)	C
2511936	Insert floor tool (400 mm)	C1
2511935	Insert wet tool (400 mm)	D
2511660	Squeegee tool	F
2511479	Rubber steam tool	G
2511578	Steam lance - accessories holder	H
2512560	Nylon small brush	I
2512561	Brass small brush	L
2511670	Steam/vacuum tool body (150 mm)	M
2511672	Insert squeegee tool (150 mm)	M1
2511671	Insert bristle tool (150 mm)	N

(*) 2 on standard equipment

OPTIONAL ACCESSORIES

REF.NO	DESCRIPTION	
2511480	Steam/vacuum tool body (300 mm)	A
2511558	Insert wet tool (300 mm)	A1
2511934	Insert carpet tool (300 mm)	A2
2511932	Insert floor tool (300 mm)	B
2512556	Nylon round brush Ø 70	C
2512558	Little plunger Ø 70	D
2512557	Bronze round brush Ø 70	E
2511675	Upholstery steam/vacuum tool body	F
2511676	Insert wet upholstery tool (100 mm)	F1
2512571	Round brush Ø 70	G
2511582	Scraper	H
2512570	Steel round brush	I
2511581	Extension (120 mm)	L
2512559	Steam / vacuum crevice tool with nozzle	M
2511586	Radiator brush	N
2511585	Crevice tool (210 mm)	O
2511937	Insert carpet tool with skates (400 mm)	P



SINGLE DISCS



SB 133

SINGLE DISCS 13" - 190 RPM

A compact model for applications requiring a superior professional equipment, being at the same time light and easy to handle. Suitable for almost all cleaning duties: deep cleaning, stripping, spray cleaning, polishing and shampooing. Very strong induction motor, for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gearbox for high power transmission, long lifetime and low Noise level. Coupling for both pad holder and brush. Handle of last generation, result of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design.



Tank 9 l



Ergonomic handle



Planetary gear



Articulation of the handle



Extensive range of pads and brushes

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 133	00-1921BLGH	24

TECHNICAL DATA

Working width - Ø brush	mm	330
Brush speed	rpm	190
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	550
Brush contact pressure	g/cm ²	36,7
Under-ride height	mm	260
Dust pick-up attachment	--	no
Noise level	dbA	<54
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	22
Dimensions	mm	1120x420x340

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Tank 9 l	00-230
Pad holder 13"	00-231
Scrubbing brush mm 0,6 - 13"	00-232
Polishing brush 13"	00-233
Carpet brush 13"	00-234
Tynex scrubbing brush 13"	00-237
Sanding pad holder 13"	00-238

SB 143 L 08

SINGLE DISCS 17" - 154 RPM

SB 143 L 08 constitutes the ideal combination between power and performance in order to accomplish all the simplest cleaning operations: washing, wax stripping, spray cleaning, burnishing and shampooing. Its dimensions (17" cleaning width) and its reduced weight make SB 143 L 08 ideal for all those tasks which simultaneously require highly professional, light and easy to use machines. Very strong induction motor for a long lifetime and great performance. Double protection against unintentional start. Transmission: satellite and planetary gearbox which guarantees the best performance with regards to power, durability and noiselessness. Mount for pad holders and brushes. Latest generation handle, the result of a perfect synthesis between great sturdiness, ergonomics, safety and innovative design.



Planetary gear



Articulation of the handle



Tank 9 I



Various types of pads...



...and brushes



Short under-ride height

PRODUCT IDENTIFICATION

TYPE

SB 143 L 08

REF. NO.

00-181BL-GH

PIECES/PALLET

16

TECHNICAL DATA

Working width - Ø brush	mm	430
Brush speed	rpm	154
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	800
Brush contact pressure	g/cm ²	34,4
Under-ride height	mm	260
Dust pick-up attachment	--	no
Noise level	dbA	<54
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	35
Dimensions	mm	1200x542x430

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-240
Scrubbing brush mm 0,6 - 17"	00-241
Carpet brush 17"	00-243
Tynex scrubbing brush 17"	00-246
Polishing brush 17"	00-242
Sanding pad holder 16"	00-253
Tank 9 I	00-230

SB 143 L

ERGOLINE SINGLE DISCS 17" - 154 RPM

Models with working width of 430 mm, the effective combination of motor - weight - speed, makes this machine suitable for any cleaning task and restoration. Very strong induction motor for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gearbox for high power transmission, long lifetime and low noise level. Handle of last generation, resulted of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design. L10: basic model versatile and easy to use. L13: version with stronger motor for more demanding and harder works. L16: with special high efficient motor for using the machine with special accessories like additional weight, sanding papers or for grinding/scarifying. L22: Model with working width of 430 mm, with a 3 HP power remarkable motor, L22: Model with working width of 430 mm, with a 3 HP power remarkable motor, allowing its use in super-professional fields.



Planetary gear



Planetary gear (L22)



Articulation of the handle



Mount for drive board and brushes



Extra weight



Tank 12 l



Suction kit



New plastic cover (L22)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 143 L 10	00-183EL-GH	16
SB 143 L 13	00-185EL-GH	16
SB 143 L 16	00-190EL-GH	16
SB 143 L 22	00-187EL-GH1	16

TECHNICAL DATA

Working width - Ø brush	mm	430
Brush speed	rpm	154
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000/1300/1600/2200
Brush contact pressure	g/cm ²	40,3 - 40,8 - 41,3 - 45,3
Under-ride height	mm	330/360 (L10, L13, L16/L22)
Dust pick-up attachment	--	yes
Noise level	dbA	<54
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	12/15 (L10, L13/L16, L22)
Weight (without accessories)	Kg	41/41,5/42/46
Dimensions	mm	1200x542x430

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-240
Scrubbing brush mm 0,6 - 17"	00-241
Carpet brush 17"	00-243
Tynex scrubbing brush 17"	00-246
Sanding pad holder 16"	00-253
Tank Ergoline 12 l	00-330
17" extra weight 10 Kg	14-110

SB 143 M

ERGOLINE SINGLE DISCS 17" - 227 RPM

Model with working width of 430 mm, suitable for both conventional maintenance cleaning and sanding wooden floors. Model M22 is equipped with the 3 HP power remarkable motor, allowing its use in super-professional fields. Very strong induction motor for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gearbox for high power transmission, long lifetime and low noise level. Handle of last generation, result of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design.



Planetary gear
(M16)



Planetary gear
(M22)



New plastic cover
(M22)



Articulation of the
handle



Mount for drive
board and brushes



Extensive range of
pads and brushes



Net discs for sand-
ing wooden floors



Suction kit

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 143 M 16	00-188EL-GH	16
SB 143 M 22	00-194EL-GH1	16

TECHNICAL DATA

Working width - Ø brush	mm	430
Brush speed	rpm	227
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1600/2200
Brush contact pressure	g/cm ²	43,3 - 45,7
Under-ride height	mm	330/360
Dust pick-up attachment	--	yes
Noise level	dbA	<56
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	44/46,5
Dimensions	mm	1200x542x430

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush mm 0,6 - 17"	00-241
Tynex scrubbing brush 17"	00-246
Sanding pad holder 16"	00-253
Polishing brush 17"	00-254
Pad holder 16"	00-255

SB 143 H 16

ERGO LINE SINGLE DISCS 17" - 400 RPM

Model with working width of 430 mm, that expresses its best potentialities in polishing of any type of floor, both natural or treated with metallic waxes. Very strong induction motor for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gearbox for high power transmission, long lifetime and low noise level. Handle of last generation, result of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design.



Spray electric system



Planetary gear



Articulation of the handle



Mount for drive board and brushes



Extensive range of pads and brushes



Suction kit

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 143 H 16	00-1880ELGH	16

TECHNICAL DATA

Working width - Ø brush	mm	430
Brush speed	rpm	400
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1600
Brush contact pressure	g/cm ²	44,3
Under-ride height	mm	330
Dust pick-up attachment	--	yes
Noise level	dbA	<56
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	45
Dimensions	mm	1200x542x430

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Carpet brush 17"	00-243
Polishing brush 17"	00-254
Pad holder 16"	00-255
Spray electric system	00-356EL-GH

SB 143 TSN

ERGOLINE DOUBLE SPEED SINGLE DISCS 17" - 154/308 RPM

Model with working width of 430 mm and double speed, equipped with pad holder, suited for many cleaning tasks from cleaning of very dirty floors up to the maintenance cleaning of floors treated with metallic waxes. A single machine and a simple switch replaces separate units, with evident advantages in terms of practicality and economic convenience. Very strong induction motor for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gear box for high power transmission, long lifetime and low noise level. Handle of last generation, result of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design.



Spray electric system



Planetary gear



Articulation of the handle



Mount for drive board and brushes



Extensive range of pads and brushes



Suction kit

PRODUCT IDENTIFICATION

TYPE

SB 143 TSN

REF. NO.

00-197EL-GH

PIECES/PALLET

16

TECHNICAL DATA

Working width - Ø brush	mm	430
Brush speed	rpm	154 - 308
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000 - 1300
Brush contact pressure	g/cm ²	43,3
Under-ride height	mm	360
Dust pick-up attachment	--	yes
Noise level	dbA	<54/56
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	44
Dimensions	mm	1200x542x430

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 16"	00-255

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush mm 0,6 - 17"	00-241
Carpet brush 17"	00-243
Tynex scrubbing brush 17"	00-246
Sanding pad holder 16"	00-253
Polishing brush 17"	00-254
Tank Ergoline 12 l	00-330
Spray electric system	00-356EL-GH

SB 150 L

ERGOLINE SINGLE DISCS 20" - 154 RPM

Model with working width of 505 mm and low rotation speed 154 rpm. A larger working track for satisfying the needs when the usual 17" is not large enough. Model L22 is equipped with the 3 HP power remarkable motor, allowing its use in super-professional fields. Very strong induction motor for long lifetime and great performances. Double protection against unintentional start. Satellite and planetary gearbox for high power transmission, long lifetime and low noise level. Handle of last generation, result of a perfect synthesis among great sturdiness, ergonomics, safety and innovative design.



Planetary gear (L16)



Planetary gear (L22)

New plastic cover
(L22)Mount for drive
board and brushesErgonomic Handle
(front view)

Handle (rear view)



Tank 12 l

Articulation of the
handle

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 150 L 16	00-195EL-GH	12
SB 150 L 22	00-196EL-GH1	12

TECHNICAL DATA

Working width - Ø brush	mm	505
Brush speed	rpm	154
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1600/2200
Brush contact pressure	g/cm ²	34,9 - 36,4
Under-ride height	mm	330/360
Dust pick-up attachment	--	yes
Noise level	dbA	<54
Transmission	--	Planetary gear box
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	49/51
Dimensions	mm	1200x625x505

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush mm 0,6 - 20"	00-261
Carpet brush 20"	00-263
Tynex scrubbing brush 20"	00-266
Pad holder 20"	00-267
Tank ergoline 12 l	00-330
20"Extra weight 10 kg	14-111

SB HS 1000

BURNISHER 16" - 1.000 RPM

High-performance polisher especially suited for maintenance cleaning of surfaces treated with metallic wax. It allows to get a degree of high gloss and thanks to spray electric system, a "wet effect" in an incredibly easy and fast way. Thanks to its particular drive system it can be used in straight line and fan like action with consequent possibility to operate in small areas and to reach points normally not accessible by a common ultra high-speed unit. Power studied to get, with total adherence of the disc, fast departure sand a prolonged use. Electronic balancing of the rotor at full rating guarantees an operation without vibrations. Very strong induction motor for long lifetime and great performances. Safety switch with automatic motor stop as soon as the lever is not operated anymore. Ergonomic and comfortable handle, in highly resistant plastic material. All controls are contained in the impact resistant handle and can be put in action without moving the hands from working position.



Small dimensions



"Center Lock" pad retaining system



Belt transmission



Spray electric system



Gorilla disc 16"

PRODUCT IDENTIFICATION

TYPE

SB HS 1000

REF. NO.

00-189BL-GH

PIECES/PALLET

1

TECHNICAL DATA

Working width - Ø brush	mm	405
Brush speed	rpm	1000
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1600
Brush contact pressure	g/cm ²	43,2
Noise level	dbA	<56
Transmission	--	belt transmission
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	39
Dimensions	mm	1200x720x420

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Spray electric system	00-356EL-GH
Gorilla disc 16" (x 5)	06-406-23

SB 150 U 13

PATENTED

BURNISHER 20" - 1.500 RPM

Professional ultra-high-speed machine for polishing. Ideal for contract cleaners, floors fitters, public clients. Very strong induction motor for long lifetime and great performance. Direct drive. Vacuuming the dust by a passive system thereby reducing dust impact while polishing. Brush pressure adjustment knob. Unique floating pad system (patent pending). Newest handle, ergonomics, safety and innovative, possible height regulation. Low working height for cleaning under furniture.



Floating integrated pad holder



Non marking wheels



Articulation of the handle



Handle (front view)



Spray electric system



Brush pressure adjustment



Display

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
SB 150 U 13	00-198EL-GH	1

TECHNICAL DATA

Working width - Ø brush	mm	505
Brush speed	rpm	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1300
Brush contact pressure	g/cm ²	0÷5
Dust pick-up attachment for electric spray		yes
Noise level	dbA	<56
Transmission		direct
IP code		IPX4
Power supply cable	m	15
Weight (without accessories)	Kg	44
Dimensions	mm	1130x790x560

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Spray electric system	00-256EL
Paper filter bag (x 5)	6595050
Gorilla disc 20" (x 5)	06-404-23

ROTO ORBITAL SINGLE DISCS



O 143 U

ROTO-ORBITAL SINGLE DISCS 17" - 1000/1300 W



Models of professional, innovative and multifunctional orbital single-disc machines which make cleaning operations easy and quick on every kind of surface. Suitable for treatments such as polishing, dewaxing, crystallization, microgrinding on marble, concrete, stones, parquet, terracotta and stoneware, O 143 is also ideal for cleaning delicate surfaces such as fitted carpets and carpets. The oscillating head adapts to all surfaces and allows the operator to work nimbly even on irregular floors reducing his/her efforts. The available accessories and the non-marking wheels, which touch the ground, make the various tasks simple and effective. By exploiting the roto-orbital principle with high-frequency oscillations, O 143 comes as a surprise for its low vibrations, stability and manoeuvrability. Even the crystallization tasks which require the use of steel wool will be quick, easy and effortless. Its ergonomic handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine. U 10: basic model, versatile and easy to use. U 13: version with stronger motor for more demanding and harder works.



Ergonomic handle



Articulation of the handle



Non-marking wheels



Extra weights (6,5 and 13 Kg)



Tank 12 l



Spray system (optional)



Various types of pads



Brush head locking system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
O 143 U 10	00-110EL-GH	1
O 143 U 13	00-113EL-GH	1

TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000/1300
Brush contact pressure	g/cm ²	44,3 - 48,2
Under-ride height	mm	270 - 285
Dust pick-up attachment	--	yes
Noise level	dbA	<54
Transmission	--	direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	68 (U 10) - 71,5 (U 13)
Dimensions	mm	1200x730x450

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268
Brush head locking system	13033F

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tynex scrubbing brush 17"	00-283
Tank Ergoline 12 l	00-330
Spray system	00-340EL-GH
Extra weight 6,5 kg	14-104
Extra weight (2 x 6,5 kg)	14-105
Stainless steel cover	14251F
Pad holder for Ø 100 / Ø 150 discs	00-270

O 143 S 10



ROTO-ORBITAL SINGLE DISCS 17" - 1000 W

O 143 S 10 is Ghibli & Wirbel's lighter orbital single-disc machine. Extremely practical (only 43 kg of weight), it is suitable for all the more common everyday cleaning operations: washing, stripping, spray cleaning, polishing and shampooing. O 143 S 10 is also ideal for cleaning delicate surfaces such as fitted carpets and carpets. Lower water and detergent consumption! Higher savings and productivity thanks to the roto-orbital movement that allows to keep the cleaning solution under the pad holder. The oscillating head adapts to all surfaces and allows the operator to work nimbly even on irregular floors reducing his/her efforts. The available accessories and the big wheels, which touch the ground, make the various tasks simple and effective. By exploiting the roto-orbital principle with high-frequency oscillations, O 143 comes as a surprise for its low vibrations, stability and manoeuvrability. Its handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine.



Handle



Articulation of the handle



Non-marking wheels



Less waste of water and detergent



Tank 12 l (optional)



Spray system (optional)



Various types of pads



Scrubbing brush (optional)

PRODUCT IDENTIFICATION

TYPE

O 143 S 10

REF. NO.

00-105EL-GH

PIECES/PALLET

1

TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000
Brush contact pressure	g/cm ²	25,6
Under-ride height	mm	270
Dust pick-up attachment	--	yes
Noise level	dbA	<54
Transmission	--	direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	43,2
Dimensions	mm	1200x730x450

STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tynex scrubbing brush 17"	00-283
Tank Ergoline 12 l	00-330
Spray system	00-345EL-GH
Stainless steel cover	14251F

O 143 SPRAY

ROTO-ORBITAL SINGLE DISCS 17" - 1000 W



O 143 SPRAY is the model of professional and innovative orbital single-disc machine specifically designed for cleaning delicate surfaces such as fitted carpets and carpets. The oscillating head adapts to all surfaces and allows the removal of dirt particles from the fibres and guarantees reduced drying time. Spray system with CEME pump and two adjustable nozzles on standard equipment for a perfect cover of the working area. This machine is also suitable for washing and shampooing on hard surfaces thanks to optional accessories. Lower water and detergent consumption! Higher savings and productivity thanks to the roto-orbital movement that allows to keep the cleaning solution under the pad holder. O 143 SPRAY comes as a surprise for its low vibrations, stability and manoeuvrability. Its ergonomic handle, combined with its stiff and compact frame, its big wheels and its reduced weight make this a resistant but, at the same time, easy to use and carry orbital single-disc machine.



Ergonomic handle



ON-OFF button on the handle to use the spray system



Suitable for fitted carpets and carpets cleaning



Spray system (tank 12 l, CEME pump and adjustable nozzles)



Tank 12 l



CEME pump



Adjustable nozzles



Brush head locking system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
O 143 SPRAY	00-120EL-GH	1

TECHNICAL DATA

Working width - Ø brush	mm	430
Oscillations per minute	n.	1500
Voltage	V	220 - 240
Frequency	Hz	50
Brush motor rating	W	1000
Brush contact pressure	g/cm ²	31,5
Under-ride height	mm	270
Dust pick-up attachment	--	yes
Noise level	dbA	<54
Transmission	--	direct
IP code		IPX4
Power supply cable	m	12
Weight (without accessories)	Kg	58,5
Dimensions	mm	1200x730x450

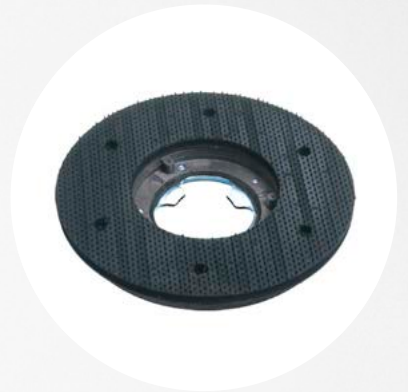
STANDARD ACCESSORIES

TYPE	REF. NO.
Pad holder 17"	00-268
Spray system	00-340EL-GH
Brush head locking system	13033F

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Scrubbing brush 17"	00-296
Tynex scrubbing brush 17"	00-283
Extra weights 6,5 kg	14-104
Extra weights (2 x 6,5 kg)	14-105
Stainless steel cover	14251F
Pad holder for Ø 100 / Ø 150 discs	00-270
Polycotton pad (x5)	00-312

ACCESSORIES FOR SINGLE DISCS



Experience and expertise allow Ghibli & Wirbel to offer not just a machine, but real and complete cleaning system. The accessories are, especially in Single Discs Range, of great importance because they allow different applications and opening up new possibilities. Suction group to pick-up dust during sanding works, cleaning agent tank, additional weight, but the most basic and important very large range of brushes and discs, for shampooing, scrubbing, buffing, polishing, stripping, sanding and much more....

An ever wider offer for the professionals thanks to the new range of Diamond pad "Chromo Diamond" and Drones accessories, a stunning selection of disks for specific surface-treatments. Several different models, based on our design, created by researching the extreme versatility and, at the same time, ensuring the best surface treatment performance by creating a true system along with the suggested machine.

HOW TO USE OUR PADS

DEEP CLEANING	PADS
Linoleum	 
PVC, vinyl, synthetic resin coatings	
Dark marble, granite, smooth ground terrazzo (not polished)	
Light-coloured/white marble (not polished)	
Granite, stone carpet (not polished)	
Tiles, glazed brick	
Fine stoneware	 
Resin coated	 
Concrete floor	 
MAINTENANCE CLEANING	PADS
Linoleum	  
PVC, vinyl, synthetic resin coatings	   
Dark marble, granite, smooth ground terrazzo	   
Granite, stone carpet	  
Tiles, glazed brick	   
Fine stoneware	  
Resin coated	  
Concrete floor	  
INTERIM CLEANING	PADS
Carpet	 

PAD COLOURS

WHITE	RED	GREEN	BROWN	BLACK	GORILLA	MICROFIBER	POLYCOTTON
							

“How to use our pads” is just an indication. It is recommended to always perform preliminary test on the surfaces, in order to check the final result.

**CLEANING AGENT TANK - CAPACITY 9 L**

REF.NO		PCS
00-230	for single-disc machines D. 330 mm series	1

**ERGOLINE CLEANING AGENT TANK - CAPACITY 12 L**

REF.NO		PCS
00-330	for single-discs SB - D. 430 mm - 154-227 RPM - TSN 154 RPM - D. 505 mm series / O 143 U 10 - U 13 -S 10	1

**MEDIUM SCRUBBING BRUSHES**

REF.NO	Ø		PCS
00-232	13" - 305 mm	series D. 330	1
00-241	17" - 430 mm	series SB - D. 430 - 154-227 RPM - TSN 154 RPM	1
00-261	20" - 480 mm	series D. 505	1
00-296	17" - 430 mm	O 143	1

**SOFT POLISHING BRUSHES**

REF.NO	Ø		PCS
00-233	13" - 305 mm	series D. 330	1
00-242	17" - 430 mm	series SB - D. 430 - 154-227 RPM - TSN 154 RPM	1
00-254	17" - 430 mm	series SB - D. 430 - 400 RPM - TSN 308 RPM	1
00-262	20" - 480 mm	series D. 505	1

**CARPET CLEANING BRUSHES**

REF.NO	Ø		PCS
00-234	13" - 305 mm	series D. 330	1
00-243	17" - 430 mm	series SB - D. 430 - 154-227 RPM - TSN 154 RPM	1
00-263	20" - 480 mm	series D. 505	1

**VERY HARD TYNEX SCRUBBING BRUSHES**

REF.NO	Ø		PCS
00-237	13" - 305 mm	series D. 330	1
00-246	17" - 430 mm	series SB - D. 430 - 154-227 RPM - TSN 154 RPM	1
00-266	20" - 480 mm	series D. 505	1
00-283	17" - 430 mm	O 143	1

**PAD HOLDERS**

REF.NO	Ø		PCS
00-231	13" - 330 mm.	series D. 330	1
00-240	16" - 405 mm.	series SB - D. 430	1
00-255	16" - 430 mm.	series SB - D. 430 - 400 RPM - TSN 308 RPM	1
00-267	20" - 505 mm.	series D. 505	1
00-268	16" - 405 mm.	O 143	1
00-270	Pad holder for Ø 100 / Ø 150 discs	O 143 U 10 - U 13 - SPRAY	1

NYLON PADS

VERY SOFT



MEDIUM SOFT



MEDIUM HARD



HARD



VERY HARD



WHITE PADS

Disc suitable for the dry polishing of coated floors. For very bright finishes.

REF.NO	Ø		PCS
C13-WH	13" - 330 mm	series D. 330	6
C17-WH	17" - 430 mm	series D. 430	6
C20-WH	20" - 505 mm	series D. 505	6

RED PADS

Disc suitable for regular maintenance; cleaning sign removal.

REF.NO	Ø		PCS
C13-RE	13" - 330 mm	series D. 330	6
C17-RE	17" - 430 mm	series D. 430	6
C20-RE	20" - 505 mm	series D. 505	6

GREEN PADS

Disc suitable for partial wet stripping of not coated hard surfaces, for preparing hard surfaces before new coating and for stripping of linoleum and vinyl surfaces.

REF.NO	Ø		PCS
C13-GR	13" - 330 mm	series D. 330	6
C17-GR	17" - 430 mm	series D. 430	6
C20-GR	20" - 505 mm	series D. 505	6

BROWN PADS

Disc suitable both for the dry stripping of coated floors, and for the wet stripping with a normal chemical stripping agent.

REF.NO	Ø		PCS
C13-BR	13" - 330 mm	series D. 330	6
C17-BR	17" - 430 mm	series D. 430	6
C20-BR	20" - 505 mm	series D. 505	6

BLACK PADS

Disc suitable for the total wet stripping of hard surfaces with chemical stripping agents. Also suitable for heavy cleaning tasks on cement and industrial floors.

REF.NO	Ø		PCS
C13-BL	13" - 330 mm	series D. 330	6
C17-BL	17" - 430 mm	series D. 430	6
C20-BL	20" - 505 mm	series D. 505	6

OTHER PADS

GORILLA PADS

Disc suitable for medium/high stripping.

REF.NO	Ø		PCS
06-406-23	16" - 405 mm	series HS 1000 RPM	5
06-398-23	17" - 430 mm	series D. 430	5
06-404-23	20" - 505 mm	series D. 505	5

MICROFIBER PADS

Disc to wash and to polish structured (irregular and porous), or delicate (wood and parquet) surfaces, not abrasive, it produces a medium brightness.

REF.NO	Ø		PCS
06-210-00	13" - 330 mm	series D. 330	1
06-230-00	17" - 430 mm	series D. 430	1
06-405-00	20" - 505 mm	series D. 505	1

POLYCOTTON PADS

Ideal for washing and cleaning fitted carpets and carpets with reduced drying time. Reversible, washable at 30° and reusable.

REF.NO	Ø		PCS
00-312	17" - 430 mm	O 143 SPRAY	5

CHROMO DIAMOND PADS

Chromo Diamond: a complete range of diamond pads formulated for smooth, restore and polish several different surface such as marble, granite and concrete. They may be used both with single discs and scrubber dryers. Thanks to the effectiveness of cut and polishing, they guarantee good results comparable to those realizable with the traditional machine.

100% MADE IN ITALY

Sequences: 7 different grains, from the most aggressive (sequence 1 / grain 50) to the finer (sequence 7 / grain 3000). Able to work effectively on different types of surfaces, by eliminating also deep scratches.

Colours: for each sequence (1,2,3,4,5,6,7) corresponds one grain, one colour and a distinctive name of floor treatment.

SEQUENCE	NAME / COLOUR	GRAIN	DESCRIPTION
1	EXTREME	50	BLACK CHROMO DIAMOND PAD - EXTREME REF.NO Ø PCS CD17-BL 17" - 430 mm series D. 430 2
2	SUPER	100	BROWN CHROMO DIAMOND PAD - SUPER REF.NO Ø PCS CD17-BR 17" - 430 mm series D. 430 2
3	EXTRA	200	BLUE CHROMO DIAMOND PAD - EXTRA REF.NO Ø PCS CD17-BU 17" - 430 mm series D. 430 2
4	HARD	400	RED CHROMO DIAMOND PAD - HARD REF.NO Ø PCS CD17-RE 17" - 430 mm series D. 430 2
5	MEDIUM	800	WHITE CHROMO DIAMOND PAD - MEDIUM REF.NO Ø PCS CD17-WH 17" - 430 mm series D. 430 2
6	SOFT	1800	YELLOW CHROMO DIAMOND PAD - SOFT REF.NO Ø PCS CD17-YE 17" - 430 mm series D. 430 2
7	EXTRA SOFT	3000	GREEN CHROMO DIAMOND PAD - EXTRA SOFT REF.NO Ø PCS CD17-GR 17" - 430 mm series D. 430 2 CD20-GR 20" - 505 mm series D. 505 2



HARD

MEDIUM

SOFT

3 STEPS PRO KIT

A kit composed by three pads able to carry out up to 80% of floor restoration procedures. In order to eliminate deep scratches on regular marble surfaces, it is enough to begin the polishing with the sequence 4, grain 400 (Red Chromo Diamond HARD), then continue with the sequence 5, grain 800 (White Chromo Diamond MEDIUM) and ending with the sequence 6, grain 1800 (Yellow Chromo Diamond SOFT). After finishing these three passages, the floor can be enhanced further with the use of natural fiber pad (Gorilla disc ref.no. 06-398-23) along with the polishing powder (Marble Powder ref.no 00-221) to bring the surface to a "mirror like" shine.

REF.NO	Ø	PCS
CD17-KIT	17" - 430 mm	Red Chromo Diamond - HARD 17" + White Chromo Diamond - MEDIUM 17" + Yellow Chromo Diamond - SOFT 17" 3

DRONES

DRONE 3 DISK MARBLE

Planetary disc with free motion, designed to smooth marble, granite and stone floors. Thanks to its high stability and speed, it guarantees a great deal of work. Steel and aluminum structure. Velcro strap. Satellite Diameter 100 mm. Weight 8 kg

REF.NO

00-300 DRONE 3 DISK MARBLE (*)

SB 143 L 16 - L 22

(*) 00-350 included

SPARE PARTS

REF.NO	Ø		PCS
00-350	100 mm	Shock absorber for marble disc, male and female velcro fit, thickness 5 mm	3
00-351	100 mm	Velcro male refill	3

DRONE DIAMOND 100

A complete range of diamond discs with 100 mm diameter (4" with velcro strap female), specifically studied for smooth, restore and polish several different type of surface such as marble, granite and concrete.

Sequences: 7 different sequences, from the most aggressive (1, grain 50) to the finer (7, grain 3000). Able to work effectively on different types of surfaces, by eliminating also deep scratches.

Colors: for each sequence (1,2,3,4,5,6,7) corresponds one grain and one colour (the back female velcro strap is coloured) in order to choose the right disc.

REF.NO	SEQUENCE	GRAIN	Ø		PCS
00-300-10	1 ●	50	100 mm	Drone Diamond 100 green	3
00-300-20	2 ●	100	100 mm	Drone Diamond 100 black	3
00-300-30	3 ●	200	100 mm	Drone Diamond 100 red	3
00-300-40	4 ●	400	100 mm	Drone Diamond 100 yellow	3
00-300-50	5 ○	800	100 mm	Drone Diamond 100 white	3
00-300-60	6 ●	1800	100 mm	Drone Diamond 100 blue	3
00-300-70	7 ●	3000	100 mm	Drone Diamond 100 grey	3

DRONE DIAMOND METALLIC

Metallic diamond disc with 100 mm diameter, designed for smooth marble and granite floors.

REF.NO

03-223 Drone Diamond metallic sequence A

PCS

3

03-224 Drone Diamond metallic sequence B

3

DRONE 5 DISK BLACK DIAMOND

Five diamond inserts disc, designed to roughen ceramic, porcelain and gres floors.

REF.NO

00-303 DRONE 5 DISK BLACK DIAMOND

SB 143 L 16 - L 22

SPARE PARTS

REF.NO		PCS
00-355	Black diamond insert for disc	5

DRONE 5 DISK CARBORUNDUM

Five cylinders silicon carbide disc designed for leveling concrete substrates and eliminating creases.

REF.NO

00-302 DRONE 5 DISK CARBORUNDUM

SB 143 L 16 - L 22

SPARE PARTS

REF.NO		PCS
00-354	Silicon carbide cylindric grinding wheel	5

DRONE 5 DISK VIDIA RING

Ring in vidia disc designed for smoothing concrete substrates and removing old layers of moquette, resins and sludges on ceramic, gres and porcelain gres floors.

REF.NO

00-306	DRONE 5 DISK VIDIA RING	SB 143 L 16- L22
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SPARE PARTS

REF.NO	Ø		PCS
00-358	420 mm	Ring of vidia	1

DRONE 5 DISK VIDIA

Five inserts in vidia disc designed for smoothing concrete substrates and removing old layers of moquettes, resins and sludges on concrete substrates, ceramic, porcelain and gres floors.

REF.NO

00-305	DRONE 5 DISK VIDIA	SB 143 L 16 - L 22
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SPARE PARTS

REF.NO		PCS
00-357	Vidia insert for disc	5

DRONE 5 DISK SCRAPER

Five pcd inserts disc, designed to remove old layers of moquettes, resins and sludges on concrete substrates, ceramic, porcelain and gres floors.

REF.NO

00-304	DRONE 5 DISK SCRAPER	SB 143 L 16 - L 22
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SPARE PARTS

REF.NO		PCS
00-356	PCD insert for disc	5

DRONE 5 DISK YELLOW DIAMOND

Five diamond insert disc, with double abrasive, synthetic yellow diamond and aluminium oxide, designed to remove layers of epoxy resin.

REF.NO

00-313	DRONE 5 DISK YELLOW DIAMOND	SB 143 L 16- L 22
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SPARE PARTS

REF.NO		PCS
00-359	Yellow Diamond insert	5

DRONE 3 DISK WOOD

Planetary disc with free motion, designed to smooth wooden floors. Thanks to its high stability and speed, it guarantees a great deal of work. Steel and aluminum structure. Velcro strap. Satellite Diameter 150 mm. Weight 8 kg.

REF.NO

00-301	DRONE 3 DISK WOOD (*)	SB 143 M 16 - 22
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(*) 00-352 included

SPARE PARTS

REF.NO	Ø		PCS
00-352	150 mm	Shock absorber for parquet disc, male and female velcro fit, thickness 5 mm	3
00-353	150 mm	Velcro male refill	3

VELCRO SANDING DISCS

REF.NO	Ø		PCS
00-300-01	150 mm	Velcro sanding discs GRAIN 36	50
00-300-02	150 mm	Velcro sanding discs GRAIN 60	50
00-300-03	150 mm	Velcro sanding discs GRAIN 120	50



SANDING WOODEN FLOORS



SANDING PAD HOLDER FOR PAPER DISCS

REF.NO	Ø		PCS
00-238	330 mm	series D. 330	1
00-253	405 mm	series SB - D. 430	1

PAPER DISCS

For sanding wooden floors.

REF.NO	Ø		PCS
05-415-00	16" - 405 mm	GRAIN 16	1
05-416-00	16" - 405 mm	GRAIN 24	1
05-417-00	16" - 405 mm	GRAIN 36	1
05-418-00	16" - 405 mm	GRAIN 60	1

NET DISCS 16"

For sanding wooden floors.

REF.NO	Ø		PCS
05-407-BB	16" - 405 mm	GRAIN 80	1
05-407-EE	16" - 405 mm	GRAIN 120	1
05-407-FF	16" - 405 mm	GRAIN 180	1

SPECIAL DISCS

SCURFYING BRUSH

Disc for scurfying. Floor type: smooth

REF.NO	Ø		PCS
00-247*	384 mm	series SB - D. 430 mm	1

* Suitable for SB 143 L16/L22 models

PLASTER DISC

Disc to plaster floor crevices.

REF.NO		PCS
00-276*	series SB - D. 430 mm	1

* Suitable for SB 143 L16/L22 models

SMOOTHING DISC

Disc to smooth still soft concrete and to get a vibrated and hard surface.

REF.NO		PCS
00-275*	series SB - D. 430 mm	1
00-275-00	SPARE PART smoothing disc	1

* Suitable for SB 143 L16/L22 models

OTHER ACCESSORIES



WOOL STEEL DISC

Wool steel disc of elevated thickness usable on both sides. For marble crystallization. (for standard pad holder 00-240)

REF.NO	Ø		PCS
05-412-00	430 mm	series D. 430 mm series D. 505 mm	12



ADDITIONAL WEIGHTS

REF.NO	Ø		PCS
14-110	17"	series D. 430 mm SB 143 L - SB 143 M (10 Kg)	1
14-111	20"	series D. 505 mm SB 150 L (10 Kg)	1
14-104	---	O 143 U 10 - U 13 - SPRAY (6,5 Kg)	1
14-105	---	O 143 U 10 - U 13 - SPRAY (2X6,5 Kg)	2



SPRAY ELECTRIC SYSTEM ACCESSORY

Cleaning agent tank - capacity 1 l

REF.NO		PCS
00-256EL	SB 150 U 13	1



SPRAY SYSTEM ACCESSORY

Equipped with CEME pump, 12 liter tank and two adjustable nozzles for a perfect cover of the working area.

REF.NO		PCS
00-340EL-GH	O 143 U 10 - U 13 - SPRAY	1
00-345EL-GH	O 143 S 10	1



SPLASH GUARD

REF.NO		PCS
00-307	series SB - D. 430 mm	1



SUCTION KIT + RING 17" - 430 MM

D. 430 mm - 154-227 RPM - TSN 154 RPM series / O 143

REF.NO		PCS
00-257P	Complete vacuuming kit for dust recovery (sanding wood) (A) - B and C included	1
01-700	Suction kit (B)	1
01721A	Suction ring 17" - 430 mm (C)	1
00-228	Complete vacuuming kit for dust recovery (sanding wood) (D) - B and E included	1
01-722	Suction ring 17" - 430 mm (E)	1



ERGOLINE SET

REF.NO	Ø		PCS
00-101		Set tank 12 l - pad holder 16" - brush 17". SB 143 L 10, L 13, L 16, L 22 - SB 143 TSN	1
00-102		Set tank 9 l - pad holder 16" - brush 17". SB 143 L 08	1

SURFACE POLISHERS



MARMO POWDER

Polishing powder for final polishing and re-polishing of marble.

REF.NO		PCS
00-221	Polishing powder MARMO POWDER	1
00-220	Polishing powder MARMO POWDER	6



GRANITO GEL

Gel for polishing new granite and gres surfaces or repolishing worn floors that lost their shining and colour.

REF.NO		PCS
00-222	GRANITO GEL	1
06-222	GRANITO GEL	6

WALK-BEHIND SCRUBBER DRYERS



ROLLY NRG 7½ E 33

PATENTED

COMPACT WALK BEHIND SCRUBBER DRYERS ROLLY NRG SERIES

NRG, New Rolly Generation, is the new Rolly compact scrubber dryer, even more performing and reliable for top cleaning results! NRG such as energy, power, but also innovation: an integrated system of technical solutions able to meet the needs of the most demanding cleaning professionals. Comfort in narrow spaces, where no one arrives: - 7,5 liters of tank capacity, its dimensions, combined with a special handle (patented) and swivel wheels allow Rolly NRG to go and work in small areas. Top cleaning and drying results: - the cylindrical brush deck, with three different down pressure adjustable by knob, against every kind of dirt; - an unbelievable alternate twin squeegee system (patented), for top drying results and optimized consumptions at the same time; - low noise level (only 54 dbA), perfect for day cleaning and in all the environments (hospitals, resthomes, schools...) where silence is a must. A start & go machine: no training required, everybody can use Rolly: - all the main functions can be managed by the intuitive control panel; - coloured levers and knobs clearly help the user preparing the machine for work or while using it; - effortless maintenance. Rolly ½ E 33 is the electric version with a standard power supply kit case and a 15 meters cable.



Ergonomic handle with unlocking system



Adjustable down pressure by knob (3 steps)



Power supply kit case



Alternate twin squeegee system (patented)



Compact dimensions to go and work where no one arrives



Fast and easy maintenance



Easy to transport, park, store

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROLLY NRG 7½ E 33	10.6075.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	330
Squeegee width	mm	420
Productivity (theor./practical)	m²/h	1320 - 800
Power supply		Cable 230 V - 50 Hz
Installed power	W	270
Advancement		Manual
IP code		IPX3
BRUSHES		
Diameter - Pad x No	mm - inch x No	80 - Cyl. x 1
Motor rating x No	W x No	120 x 1
Motor speed	rpm	800
Contact pressure	g/cm²	35 - 71 - 160
TRACTION		
Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2
VACUUM		
Motor rating	W	150
Vacuum	mbar/mmH2O	48/490
Airflow rating	l/s	30
Noise level	dB(A)	58 / 54 *
TANK		
Type		Double tank
Cleaning solution tank	l	7,5
Recovery tank	l	8
Weight (empty/with batteries)	Kg	23/25,5
Power supply cable	m	15
Dimensions	mm	640x450x422

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene cylindrical blue brush	40.5000.00
Set front/rear polyurethane squeegee blade	96.0084.00
Set front/rear rubber squeegee blade	96.0085.00
Kit case power supply 230V	22.0509.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Soft cylindrical polypropylene brush	40.5000.01
Hard cylindrical polypropylene brush	40.5000.02
Tynex cylindrical brush grit 360	40.5000.03
Tynex cylindrical brush grit 80	40.5000.08
Case batteries Lithium 24V 280Wh	22.0571.00
Case batteries Lithium 24V 560Wh	22.0571.01
24V 5A charger	22.0619.00
24V 10A charger	22.0619.01
Car charger 24-12V 3A	18.0065.00

(*) Silent mode function

ROLLY NRG 7½ M 33

PATENTED

COMPACT WALK BEHIND SCRUBBER DRYERS ROLLY NRG SERIES

NRG, New Rolly Generation, is the new Rolly compact scrubber dryer, even more performing and reliable for top cleaning results! NRG such as energy, power, but also innovation: an integrated system of technical solutions able to meet the needs of the most demanding cleaning professionals. Comfort in narrow spaces, where no one arrives: - 7,5 liters of tank capacity, its dimensions, combined with a special handle (patented) and swivel wheels allow Rolly NRG to go and work in small areas. Lithium batteries: a big power in a small case - The last generation lithium batteries hosted in a practical small case guarantees reliability and running time (more than one hour running time with the 10 Ah batteries and more than two hours thanks to the 20 Ah ones). Top cleaning and drying results: - the cylindrical brush deck, with three different down pressure adjustable by knob, against every kind of dirt; - an unbelievable alternate twin squeegee system (patented), for top drying results and optimized consumptions at the same time; - low noise level (only 54 dbA), perfect for day cleaning and in all the environments (hospitals, resthomes, schools...) where silence is a must. A start & go machine: no training required, everybody can use Rolly: - all the main functions can be managed by the intuitive control panel; - coloured levers and knobs clearly help the user preparing the machine for work or while using it; - effortless maintenance. Rolly 7½ M 33 is available with two different batteries variants (10 Ah, 20 Ah) as standard.



Ergonomic handle with unlocking system



Adjustable down pressure by knob (3 steps)



Two types of lithium batteries available (10 Ah and 20 Ah)



Alternate twin squeegee system (patented)



Compact dimensions to go and work where no one arrives



Fast and easy maintenance



Easy to transport, park, store

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROLLY NRG 7½ M 33 BC 10 Ah	13.5075.00	1
ROLLY NRG 7½ M 33 BC 20 Ah	17.5075.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	330
Squeegee width	mm	420
Productivity (theor./practical)	m²/h	1320 - 800
Power supply		Battery 24 V
Installed power	W	270
Advancement		Manual
IP code		IPX3

BATTERIES

Type	Case batteries Lithium 24V 280Wh (**) - Case batteries Lithium 24V 560Wh (***)	
Running time	h - min	1 h (**) - 2 h (***)
Battery compartment dimensions x No	mm X No	---

BRUSHES

Diameter - Pad x No	mm - inch x No	80 - Cyl. x 1
Motor rating x No	W x No	120 x 1
Motor speed	rpm	800
Contact pressure	g /cm²	35 - 71 - 160

TRACTION

Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM

Motor rating	W	150
Vacuum	mbar/mmH2O	48/490
Airflow rating	l/s	30
Noise level	dB(A)	58 / 54 *

TANK

Type	Double tank	
Cleaning solution tank	l	7,5
Recovery tank	l	8
Weight (empty/with batteries)	Kg	23/25,4 (10 Ah) - 26,6 (20 Ah)
Power supply cable	m	---
Dimensions	mm	640x450x422

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene cylindrical blue brush	40.5000.00
Set front/rear polyurethane squeegee blade	96.0084.00
Set front/rear rubber squeegee blade	96.0085.00
Case batteries Lithium 24V 280Wh (**)	22.0571.00
Case batteries Lithium 24V 560Wh (***)	22.0571.01
24V 5A charger	22.0619.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Soft cylindrical polypropylene brush	40.5000.01
Hard cylindrical polypropylene brush	40.5000.02
Tynex cylindrical brush grit 360	40.5000.03
Tynex cylindrical brush grit 80	40.5000.08
24V 10A charger	22.0619.01
Car charger 24-12V 3A	18.0065.00
Kit case power supply 230V	22.0509.00

(*) Silent mode function

(**) For 10 Ah version

(***) For 20 Ah version

ROLLY NRG 11 E 33

PATENTED

COMPACT WALK BEHIND SCRUBBER DRYERS ROLLY NRG SERIES

NRG, New Rolly Generation, is the new Rolly compact scrubber dryer, even more performing and reliable for top cleaning results! NRG such as energy, power, but also innovation: an integrated system of technical solutions able to meet the needs of the most demanding cleaning professionals. Comfort in narrow spaces, where no one arrives: - 11 liters of tank capacity, its dimensions, combined with a special handle (patented) and swivel wheels allow Rolly NRG to go and work in small areas. Top cleaning and drying results: - the cylindrical brush deck, with three different down pressure adjustable by knob, against every kind of dirt; - an unbelievable alternate twin squeegee system (patented), for top drying results and optimized consumptions at the same time; - low noise level (only 54 dbA), perfect for day cleaning and in all the environments (hospitals, resthomes, schools...) where silence is a must. A start & go machine: no training required, everybody can use Rolly: - all the main functions can be managed by the intuitive control panel; - coloured levers and knobs clearly help the user preparing the machine for work or while using it; - effortless maintenance. Rolly 11 E 33 is the electric version, with a standard power supply kit case and a 15 meters cable.



Ergonomic handle with unlocking system



Adjustable down pressure by knob (3 steps)



Power supply kit case



Alternate twin squeegee system (patented)



Compact dimensions to go and work where no one arrives



Fast and easy maintenance



Easy to transport, park, store

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROLLY NRG 11 E 33	10.6110.00	1

TECHNICAL DATA

FEATURES			
Cleaning width	mm	330	
Squeegee width	mm	420	
Productivity (theor./practical)	m ² /h	1320 - 800	
Power supply		Cable 230 V - 50 Hz	
Installed power	W	270	
Advancement		Manual	
IP code		IPX3	
BRUSHES			
Diameter - Pad x No	mm - inch x No	80 - Cyl. x 1	
Motor rating x No	W x No	120 x 1	
Motor speed	rpm	800	
Contact pressure	g /cm ²	35 - 71 - 160	
TRACTION			
Motor rating	W	---	
Driving speed	Km/h	4	
Hill climbing ability	%	2	
VACUUM			
Motor rating	W	150	
Vacuum	mbar/mmH2O	48/490	
Airflow rating	l/s	30	
Noise level	dB(A)	58 / 54 *	
TANK			
Type		Double tank	
Cleaning solution tank	l	11	
Recovery tank	l	12	
Weight (empty/with batteries)	Kg	24/26,5	
Power supply cable	m	15	
Dimensions	mm	640x450x502	

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene cylindrical blue brush	40.5000.00
Set front/rear polyurethane squeegee blade	96.0084.00
Set front/rear rubber squeegee blade	96.0085.00
Kit case power supply 230V	22.0509.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Soft cylindrical polypropylene brush	40.5000.01
Hard cylindrical polypropylene brush	40.5000.02
Tynex cylindrical brush grit 360	40.5000.03
Tynex cylindrical brush grit 80	40.5000.08
Case batteries Lithium 24V 280Wh	22.0571.00
Case batteries Lithium 24V 560Wh	22.0571.01
24V 5A charger	22.0619.00
24V 10A charger	22.0619.01
Car charger 24-12V 3A	18.0065.00

(*) Silent mode function

ROLLY NRG 11 M 33

PATENTED

COMPACT WALK BEHIND SCRUBBER DRYERS ROLLY NRG SERIES

NRG, New Rolly Generation, is the new Rolly compact scrubber dryer, even more performing and reliable for top cleaning results! NRG such as energy, power, but also innovation: an integrated system of technical solutions able to meet the needs of the most demanding cleaning professionals. Comfort in narrow spaces, where no one arrives: - 11 liters of tank capacity, its dimensions, combined with a special handle (patented) and swivel wheels allow Rolly NRG to go and work in small areas. Lithium batteries: a big power in a small case - The last generation lithium batteries hosted in a practical small case guarantees reliability and running time (more than one hour running time with the 10 Ah batteries and more than two hours thanks to 20 Ah ones) Top cleaning and drying results: - the cylindrical brush deck, with three different down pressure adjustable by knob, against every kind of dirt; - an unbelievable alternate twin squeegee system (patented), for top drying results and optimized consumptions at the same time; - low noise level (only 54 dbA), perfect for day cleaning and in all the environments (hospitals, resthomes, schools...) where silence is a must. A start & go machine: no training required, everybody can use Rolly: - all the main functions can be managed by the intuitive control panel; - coloured levers and knobs clearly help the user preparing the machine for work or while using it; - effortless maintenance. Rolly 11 M 33 is available with two different batteries variants (10 Ah, 20 Ah) as standard.



Ergonomic handle with unlocking system



Adjustable down pressure by knob (3 steps)



Two types of lithium batteries available (10 Ah and 20 Ah)



Alternate twin squeegee system (patented)



Compact dimensions to go and work where no one arrives



Fast and easy maintenance



Easy to transport, park, store

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROLLY NRG 11 M 33 BC 10 Ah	13.5110.00	1
ROLLY NRG 11 M 33 BC 20 Ah	17.5110.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	330
Squeegee width	mm	420
Productivity (theor./practical)	m ² /h	1320 - 800
Power supply		Battery 24 V
Installed power	W	270
Advancement		Manual
IP code		IPX3

BATTERIES

Type	Case batteries Lithium 24V 280Wh (**) - Case batteries Lithium 24V 560Wh (***)	
Running time	h - min	1 h (**) - 2 h (***)
Battery compartment dimensions x No	mm X No	---

BRUSHES

Diameter - Pad x No	mm - inch x No	80 - Cyl. x 1
Motor rating x No	W x No	120 x 1
Motor speed	rpm	800
Contact pressure	g /cm ²	35 - 71 - 160

TRACTION

Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM

Motor rating	W	150
Vacuum	mbar/mmH2O	48/490
Airflow rating	l/s	30
Noise level	dB(A)	58 / 54 *

TANK

Type	Double tank	
Cleaning solution tank	l	11
Recovery tank	l	12
Weight (empty/with batteries)	Kg	24/26,4 (10 Ah) - 27,6 (20 Ah)
Power supply cable	m	---
Dimensions	mm	640x450x502

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene cylindrical blue brush	40.5000.00
Set front/rear polyurethane squeegee blade	96.0084.00
Set front/rear rubber squeegee blade	96.0085.00
Case batteries Lithium 24V 280Wh (**)	22.0571.00
Case batteries Lithium 24V 560Wh (***)	22.0571.01
24V 5A charger	22.0619.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Soft cylindrical polypropylene brush	40.5000.01
Hard cylindrical polypropylene brush	40.5000.02
Tynex cylindrical brush grit 360	40.5000.03
Tynex cylindrical brush grit 80	40.5000.08
24V 10A charger	22.0619.01
Car charger 24-12V 3A	18.0065.00
Kit case power supply 230V	22.0509.00

(*) Silent mode function

(**) For 10 Ah version

(***) For 20 Ah version

FR 15 E 38

COMPACT WALK BEHIND SCRUBBER DRYERS FR 15 SERIES

FR 15 represents a relevant news in the scrubber dryers' segment. First of all thanks to its new aesthetics; an high impact design, giving to FR 15 the right ergonomics and appeal. New and attractive shapes in a slim size, for an easy access to "hard to reach" areas. Then a perfect mix of solutions: - the front knob makes easy to adjust the brush incidence to the floor, so ensuring a perfect adherence with every accessory on every kind of working surface - the vac motor guarantees perfect drying results and it is today even more protected, thanks to the new filter - the squeegee system perfectly covers the water track in any condition, for excellent drying results and the new pedal lifting system makes it today even more comfortable for the user. Innovative features which combined with the compact dimensions make FR 15 the ideal solution for every surface and cleaning task in small-medium areas. FR 15 E 38 is the electric version, with a standard 15 meters cable.



New Handle



Front knob adjustable deck



Foot pedal squeegee lifting system



Removable lid + floating ball + filter



Squeegee and rotation (up to 270° rotation)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 15 E 38	10.0060.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	385
Squeegee width	mm	450
Productivity (theor./practical)	m²/h	1540 - 770
Power supply	Cable 230V - 50 Hz	
Installed power	W	620
Advancement	Manual	
IP code	IPX3	
BRUSHES		
Diameter - Pad x No	mm - inch x No	385 - 15" x 1
Motor rating x No	W x No	370 x 1
Motor speed	rpm	150
Down pressure - Contact pressure	Kg - g /cm²	21 - 26,7
TRACTION		
Motor rating	W	---
Driving speed	Km/h	---
Hill climbing ability	%	2
VACUUM		
Motor rating	W	250
Vacuum	mbar/mmH2O	68 / 700
Airflow rating	l/s	28
Noise level	dB(A)	65
TANK		
Type	Double tank	
Cleaning solution tank	l	15
Recovery tank	l	17
Weight (empty/with batteries)	Kg	40
Power supply cable	m	15
Dimensions	mm	865x430x1160

STANDARD ACCESSORIES

TYPE	REF. NO.
15" Polypropylene brush ø 0.7	40.0008.00
Filling hose	30.0024.00
Set front/rear polyurethane blade	95.0009.00
15 m detachable cable	34.0285.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
15" Polypropylene brush ø 0,9	40.0108.00
15" Polypropylene brush soft ø 0,5	40.0408.00
15" Tynex bush grit 240 - ø 0,9	40.0208.00
Pad holder 355 mm (for 15" pad)	40.1008.00
Set front/rear rubber blade	95.0008.00
Splashguard with bristles	95.0082.00

FR 15 M 38 BC/Hybrid



COMPACT WALK BEHIND SCRUBBER DRYERS FR 15 SERIES

FR 15 represents an important point of reference in the segment of compact scrubber dryers. Its modern design is able to guarantee personality, ergonomics and, most of all, compact dimensions to clean where other scrubber dryers cannot arrive or have difficulty. A functional aesthetics encompasses a top-notch technical solutions system: - Hybrid: the innovative system, only for Hybrid version, which combines power supply with battery power (lithium batteries up to 2 hours running time and 1 hour charging time) in order to guarantee the perfect mix between performance, working time and prolonged cleaning sessions; - The front knob over the brush head allows to adjust its angle of incidence, enabling FR 15 to perfectly adhere to the working surface in any situation and with any kind of accessories to give excellent results; - The practical external wheel allows to adjust the height of the head, avoiding overloads of the engine on "difficult" surfaces. In this way FR 15 is able to work everywhere without any problems. - The suction motor guarantees an excellent drying performance and today it is even more reliable thanks to a new protection filter; - The squeegee, which is able to turn up to 270°, is today even more practical thanks to its innovative pedal lift system, which allows to safely and practically lift it in any situation. Maximum functionality and performance which, together with its reduced dimensions and its long working time (unlimited in the hybrid version) make FR 15 the optimal solution for any kind of environment and surfaces, even the narrowest and least accessible ones.



New ergonomic Handle



Front knob adjustable deck



External wheel, adjustable pressure



Foot pedal squeegee lifting system



Removable lid + floating ball + filter



Kit Hybrid



Squeegee and rotation (up to 270° rotation)

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 15 M 38 BC	13.0050.00	1
FR 15 M 38 Hybrid	14.0050.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	385
Squeegee width	mm	450
Productivity (theor./practical)	m ² /h	1.540 - 920
Power supply		Battery 24V (*) - Lithium battery 24V + Cable 230 V - 50 Hz (**)
Installed power	W	510
Advancement		Manual
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12V 25 Ah (*) - Lithium battery 24 V 700 Wh (**)	
Running time	h - min	1 h (*) - 2 h (**)
Battery compartment dimensions x No	mm X No	255x205x190 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	385 - 15" x 1
Motor rating x No	W x No	260 x 1
Motor speed	rpm	130
Down pressure - Contact pressure	Kg - g /cm ²	25,5 - 32,4

TRACTION

Motor rating	W	---
Driving speed	Km/h	---
Hill climbing ability	%	2

VACUUM

Motor rating	W	250
Vacuum	mbar/mmH2O	68 / 700
Airflow rating	l/s	28
Noise level	dB(A)	65

TANK

Type	Double tank	
Cleaning solution tank	l	15
Recovery tank	l	17
Weight (empty/with batteries)	Kg	40/62,2 (BC) - 40/49,5 (Hybrid)
Power supply cable	m	15 (for Hybrid version)
Dimensions	mm	865x430x1160

STANDARD ACCESSORIES

TYPE	REF. NO.
15" Polypropylene brush ø 0.7	40.0008.00
Filling hose	30.0024.00
Set front/rear polyurethane blade	95.0009.00
On board battery charger 24V 5A (Schuko plug 220-240V) (*)	18.0032.01
Gel battery set (2 pcs) 12V 25 Ah (*)	18.0017.01

OPTIONAL ACCESSORIES

TYPE	REF. NO.
15" Polypropylene brush ø 0,9	40.0108.00
15" Polypropylene brush soft ø 0,5	40.0408.00
15" Tynex bush grit 240 - ø 0,9	40.0208.00
Pad holder 355 mm (for 15" pad)	40.1008.00
Set front/rear rubber blade	95.0008.00
Splashguard with bristles	95.0088.00

(*) For BC version

(**) For Hybrid version

FR 30 E 45

PATENTED

WALK BEHIND SCRUBBER DRYERS FR 30 SERIES - ELECTRIC

FR 30 represents something unique in the cleaning market. First of all the new design, which makes FR 30 a masterpiece of aesthetic and ergonomics. Then 30 liters of tank capacity, and above all a complete set of solutions make FR 30 suitable for any environment and surface: - 2 pivoting wheels closed to the main wheels axle, for the max manoeuvrability and control; - Compact squeegee: large only 65 cm, and adjustable, for excellent drying results; - A complete set of filters (as well as the debris tray) to protect the main components and give to FR 30 the max reliability. So FR 30 is a perfect mix of modern and functional aesthetics and high technology, to accomplish in the fastest and best way any cleaning task in small and medium areas. Now even more reliable and performing thanks to the new sensor TOUCH SYSTEM! FR 30 TOUCH can be moved and controlled only using a thumb: intuitive, user friendly and reliable. FR 30 E 45 is the electric version, with a standard 15 meters cable.



Touch System



"Built in" solution tank filter



Adjustable squeegee



Compact squeegee



Debris tray + recovery tank filter



Tiltable recovery tank

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 30 E 45 TOUCH	10.4182.00	1

TECHNICAL DATA

FEATURES			
Cleaning width	mm	430	
Squeegee width	mm	650	
Productivity (theor./practical)	m ² /h	1720 - 860	
Power supply		Cable 230V - 50 Hz	
Installed power	W	850	
Advancement		Manual	
IP code		IPX3	
BRUSHES			
Diameter - Pad x No	mm - inch x No	430 - 17" x 1	
Motor rating x No	W x No	450 x 1	
Motor speed	rpm	140	
Down pressure - Contact pressure	Kg - g /cm ²	21 - 20,3	
TRACTION			
Motor rating	W	---	
Driving speed	Km/h	4	
Hill climbing ability	%	2	
VACUUM			
Motor rating	W	400	
Vacuum	mbar/mmH ₂ O	1189	
Airflow rating	l/s	28	
Noise level	dB(A)	64	
TANK			
Type		Double tank	
Cleaning solution tank	l	30	
Recovery tank	l	33	
Weight (empty/with batteries)	Kg	71	
Power supply cable	m	15	
Dimensions	mm	1210x560x1020	

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
15 m detachable cable	34.0285.00
17" Polypropylene brush ø 0.7	40.0002.00
Detachable brush deck splash guard (without bristles)	24.0263.00
Brush deck splash guard bristles	40.4006.00
Front + rear natural rubber blades	96.0159.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
25 m detachable cable	34.0427.00
17" Polypropylene brush ø 0.9	40.0102.00
17" Tynex brush ø 1.2 grit 80	40.0202.00
Pad holder 420 mm (for 17" pad)	40.1007.00
Set front + rear polyurethane squeegee blades	96.0011.00

FR 30 SM 45

PATENTED

WALK BEHIND SCRUBBER DRYERS FR 30 SERIES - MANUAL

FR 30 SM 45 TOUCH is the new born in the FR 30 TOUCH family. Simply Manual: a solutions system which is able to combine the best scrubbing and drying performance with an extreme ease of use: the result is a perfect mix between practicality and cost-effectiveness which guarantees the best operational performance. Simply Manual: a solutions system which is able to combine the best scrubbing and drying performance with an extreme ease of use: the result is a perfect mix between practicality and cost-effectiveness which guarantees the best operational performance. The new design, makes the machine a masterpiece of aesthetic and ergonomics. Then 30 liters of tank capacity, an high manoeuvrability and above all a complete set of integrated solutions making FR 30 suitable for any environment and surface: - Thanks to the new sensor TOUCH SYSTEM, FR 30 TOUCH can be moved and controlled only using a thumb: intuitive, user friendly and reliable. - Compact squeegee: large only 65 cm, and adjustable, for excellent drying results. - A complete set of filters to protect the main components and give to FR 30 the max reliability. - Performance: high productivity, remarkable running time (up to 1 hour and a half), top cleaning results. FR 30 SM 45 TOUCH is available in two versions: basic and full package (standard on board charger + batteries).



Control panel

"Built in" solution
tank filterAdjustable and
compact squeegeeDebris tray +
recovery tank filterTiltable recovery
tank

PRODUCT IDENTIFICATION

TYPE

FR 30 SM 45 TOUCH

FR 30 SM 45 BC TOUCH

REF. NO.

10.4187.00

13.4187.00

PIECES/PALLET

1

1

TECHNICAL DATA

FEATURES

Cleaning width	mm	430
Squeegee width	mm	650
Productivity (theor./practical)	m ² /h	1720 - 1030
Power supply		Battery 24V
Installed power	W	600
Advancement		Manual
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12 V 50 Ah (*)	
Running time	h - min	1 h and 30 min
Battery compartment dimensions x No	mm X No	340x340x240 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	430 - 17" x 1
Motor rating x No	W x No	200 x 1
Motor speed	rpm	120
Down pressure - Contact pressure	Kg - g /cm ²	18 - 17,4

TRACTION

Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM

Motor rating	W	400
Vacuum	mbar/mmH ₂ O	1189
Airflow rating	l/s	28
Noise level	dB(A)	64

TANK

Type	Double tank	
Cleaning solution tank	l	30
Recovery tank	l	33
Weight (empty/with batteries)	Kg	66 /104
Dimensions	mm	1210x560x1020

STANDARD ACCESSORIES

TYPE

Solution tank filling hose	REF. NO.
17" Polypropylene brush ø 0.7	30.0024.00
17" Tynex brush ø 1.2 grit 80	40.0002.00
On board charger 24 V 5 A (*)	22.0630.00
Gel battery set (2 pcs) 12 V 50 Ah (*)	18.0026.00
Front + rear natural rubber blades	96.0159.00

OPTIONAL ACCESSORIES

TYPE

17" Polypropylene brush ø 0.9	REF. NO.
17" Tynex brush ø 1.2 grit 80	40.0102.00
17" Tynex brush ø 1.2 grit 80	40.0202.00
Pad holder 420 mm (for 17" pad)	40.1007.00
Set front + rear polyurethane squeegee blades	96.0011.00

(*) For BC version

FR 30 M 45

PATENTED

WALK BEHIND SCRUBBER DRYERS FR 30 SERIES - MANUAL

FR 30 represents something unique in the cleaning market. First of all the new design, which makes FR 30 a masterpiece of aesthetic and ergonomics. Then 30 liters of tank capacity, an high manoeuvrability and above all a complete set of integrated solutions make FR 30 suitable for any environment and surface: - Control panel with display: for an easy and fast selection of all the main functions; - "Silent mode" function: ideal for day cleaning and in all the environments (hospitals, schools, ..) where silence is strictly required; - Compact squeegee: large only 65 cm, and adjustable, for excellent drying results; - A complete set of filters (as well as the debris tray) to protect the main components and give to FR 30 the max reliability; - Performance: high speed (up to 4,5 km/h), high productivity, remarkable running time (2h and more), top cleaning results. FR 30 is now even more reliable and performing thanks to the new sensor TOUCH SYSTEM. FR 30 TOUCH can be moved and controlled only using a thumb: intuitive, user friendly and reliable. It is available in two versions: basic and full package (standard on board charger + batteries).



Touch System

"Silent mode"
function"Built in" solution
tank filter

Adjustable squeegee



Compact squeegee

Debris tray +
recovery tank filterTiltable recovery
tank

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 30 M 45 TOUCH	10.4180.00	1
FR 30 M 45 BC TOUCH	13.4180.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	430
Squeegee width	mm	650
Productivity (theor./practical)	m ² /h	1720 - 1030
Power supply		Battery 24V
Installed power	W	750
Advancement		Manual
IP code		IPX3

BATTERIES		
Type	Gel battery set (2 pcs) 12 V 76 Ah (**)	
Running time	h - min	2 h and 15 min
Battery compartment dimensions x No	mm X No	340x340x240 x 1

BRUSHES		
Diameter - Pad x No	mm - inch x No	430 - 17" x 1
Motor rating x No	W x No	350 x 1
Motor speed	rpm	190
Down pressure - Contact pressure	Kg - g /cm ²	18 - 17,4

TRACTION		
Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM		
Motor rating	W	400
Vacuum	mbar/mmH ₂ O	1189
Airflow rating	l/s	28
Noise level	dB(A)	64/58 *

TANK		
Type	Double tank	
Cleaning solution tank	l	30
Recovery tank	l	33
Weight (empty/with batteries)	Kg	68 /121
Dimensions	mm	1210x560x1020

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
17" Polypropylene brush ø 0.7	40.0002.00
On board charger 24 V 9 A (**)	22.0623.00
Gel battery set (2 pcs) 12 V 76 Ah (**)	18.0000.00
Detachable brush deck splash guard (without bristles)	24.0263.00
Brush deck splash guard's bristles	40.4006.00
Front + rear natural rubber blades	96.0159.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
17" Polypropylene brush ø 0.9	40.0102.00
17" Tynex brush ø 1.2 grit 80	40.0202.00
Pad holder 420 mm (for 17" pad)	40.1007.00
Set front + rear polyurethane squeegee blades	96.0011.00

(*) Silent mode function

(**) For BC version

FR 30 D 45

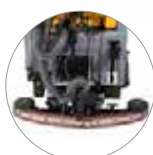
PATENTED

WALK BEHIND SCRUBBER DRYERS FR 30 SERIES - WITH TRACTION

FR 30 represents something unique in the cleaning market. First of all the new design, which makes FR 30 a masterpiece of aesthetic and ergonomics. Then 30 liters of tank capacity, an high manoeuvrability and above all a complete set of integrated solutions make FR 30 suitable for any environment and surface: - Control panel with display: for an easy and fast selection of all the main functions; - "Silent mode" function: ideal for day cleaning and in all the environments (hospitals, schools, ..) where silence is strictly required; - Compact squeegee: large only 65 cm, and adjustable, for excellent drying results; - A complete set of filters (as well as the debris tray) to protect the main components and give to FR 30 the max reliability; - Performance: high speed (up to 4,5 km/h), high productivity, remarkable running time (2h and more), top cleaning results. FR 30 is now even more reliable and performing thanks to the new sensor TOUCH SYSTEM. FR 30 TOUCH can be moved and controlled only using a thumb: intuitive, user friendly and reliable. It is available in two versions: basic and full package (standard on board charger + batteries).



Touch System

"Silent mode"
function"Built in" solution
tank filterAdjustable squee-
gee

Compact squeegee

Debris tray +
recovery tank filterTiltable recovery
tank

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 30 D 45 TOUCH	10.4183.00	1
FR 30 D 45 BC TOUCH	13.4183.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	430
Squeegee width	mm	650
Productivity (theor./practical)	m ² /h	1935 - 1160
Power supply		Battery 24V
Installed power	W	930
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12 V 76 Ah (**)	
Running time	h - min	2 h
Battery compartment dimensions x No	mm X No	340x340x240 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	430 - 17" x 1
Motor rating x No	W x No	350 x 1
Motor speed	rpm	190
Down pressure - Contact pressure	Kg - g /cm ²	18 - 17,4

TRACTION

Motor rating	W	180
Driving speed	Km/h	4,5
Hill climbing ability	%	2

VACUUM

Motor rating	W	400
Vacuum	mbar/mmH2O	1189
Airflow rating	l/s	28
Noise level	dB(A)	64/58 *

TANK

Type	Double tank	
Cleaning solution tank	l	30
Recovery tank	l	33
Weight (empty/with batteries)	Kg	74 / 127
Dimensions	mm	1210x560x1020

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
17" Polypropylene brush ø 0.7	40.0002.00
On board charger 24 V 9 A (**)	22.0623.00
Gel battery set (2 pcs) 12 V 76 Ah (**)	18.0000.00
Detachable brush deck splash guard (without bristles)	24.0263.00
Brush deck splash guard bristles	40.4006.00
Front + rear natural rubber blades	96.0159.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
17" Polypropylene brush ø 0.9	40.0102.00
17" Tynex brush ø 1.2 grit 80	40.0202.00
Pad holder 420 mm (for 17" pad)	40.1007.00
Set front + rear polyurethane squeegee blades	96.0011.00

(*) Silent mode function

(**) For BC version

FR 30 D 50

PATENTED

WALK BEHIND SCRUBBER DRYERS FR 30 SERIES - WITH TRACTION

FR 30 represents something unique in the cleaning market. First of all the new design, which makes FR 30 a masterpiece of aesthetic and ergonomics. Then 30 liters of tank capacity, an high manoeuvrability and above all a complete set of integrated solutions make FR 30 suitable for any environment and surface: - Control panel with display: for an easy and fast selection of all the main functions; - "Silent mode" function: ideal for day cleaning and in all the environments (hospitals, schools, ..) where silence is strictly required; - Compact squeegee: large only 65 cm, and adjustable, for excellent drying results; - A complete set of filters (as well as the debris tray) to protect the main components and give to FR 30 the max reliability; - Performance: high speed (up to 4,5 km/h), high productivity, remarkable running time (2h and more), top cleaning results. FR 30 is now even more reliable and performing thanks to the new sensor TOUCH SYSTEM. FR 30 TOUCH can be moved and controlled only using a thumb: intuitive, user friendly and reliable. It is available in two versions: basic and full package (standard on board charger + batteries).



Touch System

"Silent mode"
function"Built in" solution
tank filterAdjustable
squeegee

Compact squeegee

Debris tray +
recovery tank filterTiltable recovery
tank

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
FR 30 D 50 TOUCH	10.4181.00	1
FR 30 D 50 BC TOUCH	13.4181.00	1

TECHNICAL DATA

FEATURES			
Cleaning width	mm	500	
Squeegee width	mm	650	
Productivity (theor./practical)	m ² /h	2250 - 1350	
Power supply		Battery 24V	
Installed power	W	1030	
Advancement		with traction	
IP code		IPX3	
BATTERIES			
Type	Gel battery set (2 pcs) 12 V 76 Ah (***)		
Running time	h - min	2 h	
Battery compartment dimensions x No	mm X No	340x340x240 x 1	
BRUSHES			
Diameter - Pad x No	mm - inch x No	255 - 10" x 2	
Motor rating x No	W x No	450 x 1	
Motor speed	rpm	200	
Down pressure - Contact pressure	Kg - g /cm ²	20 - 30,3	
TRACTION			
Motor rating	W	180	
Driving speed	Km/h	4,5	
Hill climbing ability	%	2	
VACUUM			
Motor rating	W	400	
Vacuum	mbar/mmH2O	1189	
Airflow rating	l/s	28	
Noise level	dB(A)	64/58 *	
TANK			
Type		Double tank	
Cleaning solution tank	l	30	
Recovery tank	l	33	
Weight (empty/with batteries)	Kg	76 / 129	
Dimensions	mm	1100x570x1020	

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
10" Polypropylene brush ø 0.7 (**)	40.0010.00
On board charger 24 V 9 A (***)	22.0623.00
Gel battery set (2 pcs) 12 V 76 Ah (***)	18.0000.00
Detachable brush deck splash guard (without bristles)	24.0264.00
Brush deck splash guard bristles	40.4006.00
Front + rear natural rubber blades	96.0159.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
10" Polypropylene brush ø 0.9	40.0110.00
10" Tynex brush ø 0.9 grit 80	40.0510.00
10" Tynex brush ø 1.2 grit 80	40.0210.00
Pad holder 250 mm (for 10" pad)	40.1110.00
Set front + rear polyurethane squeegee blades	96.0011.00

(*) Silent mode function

(**) 2 Brushes on standard equipment

(***) For BC version

ROUND 45 E 55

PATENTED

WALK BEHIND SCRUBBER DRYERS ROUND 45 - ELECTRIC

Round 45 E 55 TOUCH is the renowned Ghibli & Wirbel's scrubber dryer. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. The technical features and the high level innovations - the double brush pressure - make Round 45 something unique in its market segment, ideal for effective cleaning results in every kind of floor/environment. ROUND 45 is now available with one important upgrade thanks to the new sensor TOUCH SYSTEM, Ghibli & Wirbel patented, ROUND 45 can be moved and controlled only using a thumb: intuitive, user friendly and reliable. Round 45 E 55 is the electric version, with a standard 25 meter cable.



Touch System



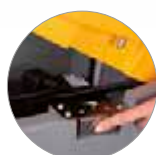
"Built in" solution tank filter



Debris tray + vacuum filter



Adjustable and compact squeegee



Tiltable recovery tank



Detachable brush deck splash guard with bristles



25 m cable as standard

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 E 55 TOUCH	10.4224.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	2120 - 1060
Power supply		Cable 230V - 50 Hz
Installed power	W	1360
Advancement		Manual
IP code		IPX3

BRUSHES

Diameter - Pad x No	mm - inch x No	530 - 21" x 1
Motor rating x No	W x No	750 x 1
Motor speed	rpm	170
Down pressure - Contact pressure	Kg - g /cm ²	29 - 18,8 ; 34 - 22

TRACTION

Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM

Motor rating	W	600
Vacuum	mbar/mmH2O	1250
Airflow rating	l/s	30
Noise level	dB(A)	63

TANK

Type		Double tank
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	91,5
Power supply cable	m	25
Dimensions	mm	1210x560x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
25 m detachable cable	34.0427.00
21" Polypropylene brush ø 0.7	40.0003.00
Detachable brush deck splash guard (without bristles)	24.0265.00
Brush deck splash guard bristles	40.4003.00
Set front+rear natural rubber squeegee blades	96.0091.01

OPTIONAL ACCESSORIES

TYPE	REF. NO.
21" Polypropylene brush ø 0.9	40.0103.00
21" Polypropylene brush ø 1.2	40.0303.00
21" Tynex brush ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20" pad)	40.1003.00
Set front + rear polyurethane squeegee blades	96.0055.00

ROUND 45 SM 55

PATENTED

WALK BEHIND SCRUBBER DRYERS ROUND 45 - MANUAL

Round 45 SM 55 TOUCH is the scrubber dryer which has been specifically conceived for daily use. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. Cutting edge features and technical equipment make ROUND 45 SM an important point of reference in its sector, allowing the machine to be the ideal solution for effective cleaning results in every kind of floor and environment. The SM version introduces itself with top-notch innovations. • **Simply Manual:** a solutions system which is able to combine the best scrubbing and drying performance with an extreme ease of use: the result is a perfect mix between practicality and cost-effectiveness which guarantees the best operational performance. • **TOUCH SYSTEM:** the patented touch system which allows the operator to benefit from maximum flexibility and control while using the machine. Simplicity, immediacy and reliability: moving ROUND 45 with a finger has never been so practical and intuitive! ROUND 45 SM 55 TOUCH is available in three versions: one basic and two full-package which include batteries and a battery charger (up to 2 hours running time for the BC PLUS version).



Control panel



Touch System

"Built in" solution
tank filterDebris tray +
vacuum filter

Compact squeegee

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 SM 55 TOUCH	10.4231.00	1
ROUND 45 SM 55 BC TOUCH	13.4231.00	1
ROUND 45 SM 55 BC PLUS TOUCH	15.4231.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	2120 - 1270
Power supply		Battery 24V
Installed power	W	750
Advancement		Manual
IP code		IPX3

BATTERIES		
Type	Gel battery set (2 pcs) 12 V 50 A (*) - Gel battery set (2 pcs) 12 V 76 Ah (**)	
Running time	h - min	1 h and 15 min (*) - 2 h (**)
Battery compartment dimensions x No	mm X No	340x340x285 x 1

BRUSHES		
Diameter - Pad x No	mm - inch x No	530 - 21" x 1
Motor rating x No	W x No	350 x 1
Motor speed	rpm	115
Down pressure - Contact pressure	Kg - g /cm ²	25,5 - 16,5

TRACTION		
Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM		
Motor rating	W	400
Vacuum	mbar/mmH ₂ O	1189
Airflow rating	l/s	28
Noise level	dB(A)	63

TANK		
Type		Double tank
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	90,5 / 143,5
Dimensions	mm	1210x560x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
21" Polypropylene brush ø 0.7	40.0003.00
On board charger 24 V 5 A (*)	22.0630.00
Gel battery set (2 pcs) 12 V 50 A (*)	18.0026.00
On board charger 24 V 9 A (**)	22.0623.00
Gel battery set (2 pcs) 12 V 76 A (**)	18.0000.00
Set front+rear natural rubber squeegee blades	96.0091.01

OPTIONAL ACCESSORIES

TYPE	REF. NO.
21" Polypropylene brush ø 0.9	40.0103.00
21" Polypropylene brush ø 1.2	40.0303.00
21" Tynex brush ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20" pad)	40.1003.00
Set front + rear polyurethane squeegee blades	96.0055.00

(*) For BC version

(**) For BC PLUS version

ROUND 45 M 55

PATENTED

WALK BEHIND SCRUBBER DRYERS

ROUND 45 - MANUAL

Round 45 M 55 TOUCH is the renowned Ghibli & Wirbel's scrubber dryer. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. The technical features and the high level innovations - 45 liters tank capacity, the control panel with display, the double brush pressure, the "silent mode" function, the new chemical mixing system - make Round 45 something unique in its market segment, ideal for effective cleaning results in every kind of floor/environment. ROUND 45 is now available with two important upgrades: - thanks to the new sensor TOUCH SYSTEM, Ghibli & Wirbel patented, ROUND 45 can be moved and controlled only using a thumb: intuitive, user friendly and reliable. - ECO SYSTEM, the new program on the control panel, which optimizes consumptions, making ROUND 45 eco-friendly. Environmental care and good performance at the same time.



Control panel with display



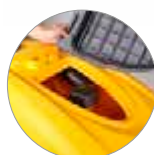
Password for reliability and ease of use



Touch System



"Built in" solution tank filter



Debris tray + vacuum filter



Adjustable and compact squeegee



Eco System



Chemical mixing system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 M 55 TOUCH	10.4221.00	1
ROUND 45 M 55 BC CHEM TOUCH	17.4221.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	2120 - 1270
Power supply		Battery 24V
Installed power	W	1060
Advancement		Manual
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12 V 76 Ah (**)	
Running time	h - min	1 h
Battery compartment dimensions x No	mm X No	340x340x285 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	530 - 21" x 1
Motor rating x No	W x No	500 x 1
Motor speed	rpm	165
Down pressure - Contact pressure	Kg - g /cm ²	25,5 - 16,5 ; 30,5 - 19,7

TRACTION

Motor rating	W	---
Driving speed	Km/h	4
Hill climbing ability	%	2

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH ₂ O	1250
Airflow rating	l/s	30
Noise level	dB(A)	63/57 *

TANK

Type	Double tank	
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	90,5 / 143,5
Dimensions	mm	1210x560x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
21" Polypropylene brush ø 0.7	40.0003.00
On board charger 24 V 9 A (**)	22.0623.00
Gel battery set (2 pcs) 12 V 76 Ah (**)	18.0000.00
Detachable brush deck splash guard (without bristles)	24.0265.00
Brush deck splash guard bristles	40.4003.00
Set front+rear natural rubber squeegee blades	96.0091.01
Chemical mixing system (**)	96.0048.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
21" Polypropylene brush ø 0.9	40.0103.00
21" Polypropylene brush ø 1.2	40.0303.00
21" Tynex brush ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20" pad)	40.1003.00
Set front + rear polyurethane squeegee blades	96.0055.00

(*) Silent mode function

(**) For BC CHEM version

ROUND 45 SD 55

PATENTED

WALK BEHIND SCRUBBER DRYERS ROUND 45 - WITH TRACTION

Round 45 SD 55 TOUCH is the scrubber dryer which has been specifically conceived for daily use. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. Cutting edge features and technical equipment make ROUND 45 SD an important point of reference in its sector, allowing the machine to be the ideal solution for effective cleaning results in every kind of floor and environment. The SD version introduces itself with top-notch innovations. • **Simply Driven:** a solutions system which is able to combine the best scrubbing and drying performance with an extreme driveability and ease of use: the result is a perfect mix between practicality and cost-effectiveness which guarantees the best operational performance. • **TOUCH SYSTEM:** the patented touch system which allows the operator to benefit from maximum flexibility and control while using the machine. Simplicity, immediacy and reliability: moving ROUND 45 with a finger has never been so practical and intuitive! ROUND 45 SD 55 TOUCH is available in three versions: one basic and two full-package which include batteries and a battery charger (up to 2 hours and 45 minutes running time for the BC PLUS version).



Control panel



Touch System

"Built in" solution
tank filterDebris tray +
vacuum filterAdjustable and
compact squeegee

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 SD 55 TOUCH	10.4232.00	1
ROUND 45 SD 55 BC TOUCH	13.4232.00	1
ROUND 45 SD 55 BC PLUS TOUCH	15.4232.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	2650 - 1590
Power supply		Battery 24V
Installed power	W	1090
Advancement		with traction
IP code		IPX3
BATTERIES		
Type	Gel battery set (2 pcs) 12 V 76 Ah (*) - Gel battery set (2 pcs) 12 V 105 Ah (**)	
Running time	h - min	1 h and 30 min (*) - 2 h and 45 min (**)
Battery compartment dimensions x No	mm X No	340x340x285 x 1
BRUSHES		
Diameter - Pad x No	mm - inch x No	530 - 21" x 1
Motor rating x No	W x No	350 x 1
Motor speed	rpm	115
Down pressure - Contact pressure	Kg - g /cm ²	25,5 - 16,5
TRACTION		
Motor rating	W	180
Hill climbing ability	%	2
VACUUM		
Motor rating	W	550
Vacuum	mbar/mmH ₂ O	1791
Airflow rating	l/s	30
Noise level	dB(A)	63

TANK

Type	Double tank	
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	109 / 189
Dimensions	mm	1210x560x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
21" Polypropylene brush ø 0.7	40.0003.00
On board charger 24 V 9 A (*) (**)	22.0623.00
Gel battery set (2 pcs) 12 V 76 Ah (*)	18.0000.00
Gel battery set (2 pcs) 12 V 105 Ah (**)	18.0001.00
Set front+rear natural rubber squeegee blades	96.0091.01

OPTIONAL ACCESSORIES

TYPE	REF. NO.
21" Polypropylene brush ø 0.9	40.0103.00
21" Polypropylene brush ø 1.2	40.0303.00
21" Tynex brush ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20" pad)	40.1003.00
Set front + rear polyurethane squeegee blades	96.0055.00

(*) For BC version

(**) For BC PLUS version

ROUND 45 D 55

PATENTED

WALK BEHIND SCRUBBER DRYERS ROUND 45 - WITH TRACTION

Round 45 D 55 TOUCH is the renowned Ghibli & Wirbel's scrubber dryer. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. The technical features and the high level innovations – 45 liters tank capacity, two hours and a half running time, the control panel with display, the “silent mode” function, the double brush pressure, the new chemical mixing System – make Round 45 something unique in its market segment, ideal for effective cleaning results in every kind of floor/environment. The wide cleaning path (21” single brush) and the adjustable speed (up to 5 km/h) allow a productivity of 2650 m²/h. ROUND 45 is now available with two important upgrades: - thanks to the new sensor TOUCH SYSTEM, Ghibli & Wirbel patented, ROUND 45 can be moved and controlled only using a thumb: intuitive, user friendly and reliable. - ECO SYSTEM, the new program on the control panel, which optimizes consumptions, making ROUND 45 eco-friendly. Environmental care and good performance at the same time.



Control panel with display



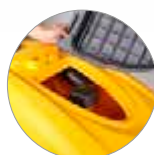
Password for reliability and ease of use



Touch System



“Built in” solution tank filter



Debris tray + vacuum filter



Adjustable and compact squeegee



Eco System



Chemical mixing system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 D 55 TOUCH	10.4222.00	1
ROUND 45 D 55 BC CHEM TOUCH	17.4222.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	530
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	2650 - 1590
Power supply		Battery 24V
Installed power	W	1240
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12 V 105 Ah (**)
Running time	h - min 2 h and 30 min
Battery compartment dimensions x No	mm X No 340x340x285 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	530 - 21” x 1
Motor rating x No	W x No	500 x 1
Motor speed	rpm	165
Down pressure - Contact pressure	Kg - g /cm ²	25,5 - 16,5 ; 30,5 - 19,7

TRACTION

Motor rating	W	180
Driving speed	Km/h	5
Hill climbing ability	%	2

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH2O	1250
Airflow rating	l/s	30
Noise level	dB(A)	63/57 *

TANK

Type		Double tank
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	109 / 189
Dimensions	mm	1210x560x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
21” Polypropylene brush ø 0.7	40.0003.00
On board charger 24 V 9 A (**)	22.0623.00
Gel battery set (2 pcs) 12 V 105 Ah (**)	18.0001.00
Detachable brush deck splash guard (without bristles)	24.0265.00
Brush deck splash guard bristles	40.4003.00
Set front+rear natural rubber squeegee blades	96.0091.01
Chemical mixing system (**)	96.0048.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
21” Polypropylene brush ø 0.9	40.0103.00
21” Polypropylene brush ø 1.2	40.0303.00
21” Tynex brush ø 1.2 grit 80	40.0203.00
Pad holder 485 mm (for 20” pad)	40.1003.00
Set front + rear polyurethane squeegee blades	96.0055.00

(*) Silent mode function

(**) For BC CHEM version

ROUND 45 D 60

PATENTED

WALK BEHIND SCRUBBER DRYERS ROUND 45 - WITH TRACTION

Round 45 D 60 TOUCH is the renowned Ghibli & Wirbel's scrubber dryer. The innovative and functional design guarantees the right ergonomics and comfort in the daily activities. The technical features and the high level innovations – 45 liters tank capacity, three hours running time, the control panel with display, the double brush pressure, the “silent mode” function, the new chemical mixing system – make Round 45 something unique in its market segment, ideal for effective cleaning results in every kind of floor/environment. The wide cleaning path (2 x 12” brushes) and the adjustable speed (up to 5 km/h) allow a productivity of 3050 m²/h. ROUND 45 is now available with two important upgrades: - thanks to the new sensor TOUCH SYSTEM, Ghibli & Wirbel patented, ROUND 45 can be moved and controlled only using a thumb: intuitive, user friendly and reliable. - ECO SYSTEM, the new program on the control panel, which optimizes consumptions, making ROUND 45 eco-friendly. Environmental care and good performance at the same time.



Control panel with display



Password for reliability and ease of use



Touch System



“Built in” solution tank filter



Debris tray + vacuum filter



Adjustable and compact squeegee



Eco System



Chemical mixing system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
ROUND 45 D 60 TOUCH	10.4223.00	1
ROUND 45 D 60 BC CHEM TOUCH	17.4223.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	600
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	3050 - 1830
Power supply		Battery 24V
Installed power	W	1190
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12 V 105 Ah (***)	
Running time	h - min	2 h and 30 min
Battery compartment dimensions x No	mm X No	340x340x285 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	310 - 12" x 2
Motor rating x No	W x No	450 x 1
Motor speed	rpm	200
Down pressure - Contact pressure	Kg - g /cm ²	27 - 27 ; 32 - 32

TRACTION

Motor rating	W	180
Driving speed	Km/h	5
Hill climbing ability	%	2

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH2O	1250
Airflow rating	l/s	30
Noise level	dB(A)	63/57 *

TANK

Type	Double tank	
Cleaning solution tank	l	45
Recovery tank	l	47
Weight (empty/with batteries)	Kg	116 / 196
Dimensions	mm	1125x670x1040

STANDARD ACCESSORIES

TYPE	REF. NO.
Solution tank filling hose	30.0024.00
12" Polypropylene brush ø 0.7 (**)	40.0001.00
On board charger 24 V 9 A (***)	22.0623.00
Gel battery set (2 pcs) 12 V 105 Ah (***)	18.0001.00
Detachable brush deck splash guard (without bristles)	24.0266.00
Brush deck splash guard bristles	40.4007.00
Set front+rear natural rubber squeegee blades	96.0091.01
Chemical mixing system (***)	96.0048.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
12" Polypropylene brush ø 0.9	40.0101.00
12" Polypropylene brush ø 1.2	40.0301.00
12" Tynex brush grit ø 1.2 grit 80	40.0201.00
Pad holder 290 mm (for 12" pad)	40.1001.00
Set front + rear polyurethane squeegee blades	96.0055.00

(*) Silent mode function

(**) 2 Brushes on standard equipment

(***) For BC CHEM version

S2 80 D 70

WALK BEHIND SCRUBBER DRYERS S2 SERIES - WITH TRACTION

S2 80 D 70 due to the double traction with adjustable speed control is an easy-to-operate scrubber dryer with excellent manoeuvrability and operating safety assured under any working condition. The BC version is equipped with on-board battery charger and 4 gel batteries. A solid, powerful and reliable machine with a very ergonomic design. Adjustable handle. Intuitive control panel with on-board diagnostic, battery hour counter and potentiometer to adjust working speed. The brush head comes as a standard with two powerful gear motors, bumper wheels and splashguard. Easy access for maintenance and service.



Recovery tank with
gas spring



Adjustable
squeegee



Control panel



Strong frame

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
S2 80 D 70	10.0270.00	1
S2 80 D 70 BC	13.0270.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	700
Squeegee width	mm	950
Productivity (theor./practical)	m ² /h	3400 - 2040
Power supply		Battery 24V
Installed power	W	1500
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (4 pcs) 6 V 180 Ah (**)	
Running time	h - min	4 h
Battery compartment dimensions x No	mm X No	485x380x290 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	360 - 14" x 2
Motor rating x No	W x No	350 x 2
Motor speed	rpm	190
Down pressure - Contact pressure	Kg - g /cm ²	35 - 31,2

TRACTION

Motor rating	W	250
Driving speed	Km/h	5
Hill climbing ability	%	2

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH2O	165 / 1.700
Airflow rating	l/s	32
Noise level	dB(A)	66

TANK

Type	Double tank	
Cleaning solution tank	l	80
Recovery tank	l	90
Weight (empty/with batteries)	Kg	129 / 255
Dimensions	mm	1250x710x1080

STANDARD ACCESSORIES

TYPE	REF. NO.
14" Polypropylene brush ø 0,9 (*)	40.0106.00
Brush splashguard	39.0023.00
Set front rubber blade	96.0160.00
Gel battery set (4 pcs) 6 V 180 Ah (**)	18.0009.00
On board battery charger 24 V 20A (**)	22.0046.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
14" Polypropylene brush ø 0,7	40.0006.00
14" Polypropylene brush ø 1,2	40.0306.00
14" Tynex brush ø 0,9 grit 80	40.0206.00
Pad holder 345 mm (for 14" pad)	40.1006.00
Set front + rear polyurethane blade	96.0161.00

(*) 2 Brushes on standard equipment

(**) For BC version

RIDE ON SCRUBBER DRYERS



RIDER R 65 RD 55

COMPACT RIDE ON SCRUBBER DRYERS RIDER SERIES

Rider R 65 is the new compact ride on scrubber dryer in Ghibli & Wirbel's range. 65 liters of tank capacity together with high productivity (3000 m²/h) and running time, guarantees the perfect solution in any kind of environment. Every details has been studied to guarantee the perfect ergonomics and ease of use. Compact dimensions, the incredible manoeuvrability, the low noise level and high productivity make Rider suitable for any environment and surface. The RD 55 version, with rear traction and a classic twin brushes system, combined with the compact and well performing squeegee (only 650 mm), guarantees the best cleaning and drying performance. The BC version is equipped with external battery charger and battery set (105 Ah): it allows more than two hours of working session without any stop!



Lever lifting/
regulation system
(squeegee, brush
deck, water flow)



Immediate opening/
access to all the
main components



Wide rec. tank opening: easy to clean



Compact and responsive squeegee



Brushes easy to install/remove



Twin brushes-deck system

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
RIDER R 65 RD 55	10.0552.00	1
RIDER R 65 RD 55 BC	13.0552.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	550
Squeegee width	mm	650
Productivity (theor./practical)	m ² /h	3000 - 1800
Power supply		Battery 24 V
Installed power	W	1400
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12V 105 Ah (**)	
Running time	h - min	2 h and 15 min
Battery compartment dimensions x No	mm X No	400x410x300 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	290 - 11" x 2
Motor rating x No	W x No	200 x 2
Motor speed	rpm	205
Down pressure - Contact pressure	Kg - g /cm ²	19 - 16,3

TRACTION

Motor rating	W	450
Driving speed	Km/h	5,5
Hill climbing ability	%	5

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH2O	1791
Airflow rating	l/s	30
Noise level	dB(A)	64

TANK

Type		Double tank
Cleaning solution tank	l	65
Recovery tank	l	65
Weight (empty/with batteries)	Kg	130/210
Dimensions	mm	1150x780x1425

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene brush 11" Ø 0,6 (*)	4905-0043-0
External battery charger 24V 20A (**)	18.0063.00
Gel battery set (2 pcs) 12V 105 Ah (**)	18.0001.00
Set natural rubber squeegee blades 650 mm (front/rear)	96.0159.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Pad driver 11"	4915-0013-0
Tynex brush 11"	4905-0048-0
Set polyurethane squeegee blades 650 mm (front/rear)	96.0011.00

(*) 2 brushes on standard equipment

(**) Only for BC version

RIDER R 65 FD 65

COMPACT RIDE ON SCRUBBER DRYERS RIDER SERIES

Rider R 65 is the new compact ride on scrubber dryer in Ghibli & Wirbel's range. 65 liters of tank capacity together with high productivity (3250 m²/h) and running time, guarantees the perfect solution in any kind of environment. Every details has been studied to guarantee the perfect ergonomics and ease of use. The main distinctive feature is the incredible manoeuvrability; cleaning closed to wall in small areas and making the impossible U-Turn operation (only 115 cm), make Rider the perfect choice for those who work in the most narrow and congested areas. The machine is suitable also for day cleaning in sensitive areas like hospitals and schools, thanks to the low noise level. The FD 65 version, with front traction, is equipped with the innovative brush head system: four small brushes with an excellent down pressure, surrounding the driving wheel, for the best floor coverage and cleaning results, even in small spaces or congested areas. Rider compact squeegee (750 mm) naturally adapt itself to every movement of the machine. The results are excellent drying performance on every kind of surface even in sharps curves and during the impossible U - turn operation. The BC version is equipped with external battery charger and battery set (105 Ah): it allows up to two hours of working session without any stop!



Lever lifting/
regulation system
(squeegee, brush
deck, water flow)



Immediate opening/
access to all the
main components



Wide rec. tank
opening: easy to
clean



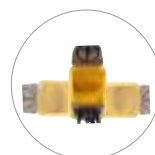
Compact and
responsive
squeegee



Brushes easy to
install/remove



Outstanding
4 brushes-deck
system



U-Turn operation
(only 115 cm)



Compact and
reactive: you can go
everywhere

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
RIDER R 65 FD 65	10.0654.00	1
RIDER R 65 FD 65 BC	13.0654.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	650
Squeegee width	mm	750
Productivity (theor./practical)	m ² /h	3250 - 1950
Power supply		Battery 24 V
Installed power	W	1650
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (2 pcs) 12V 105 Ah (**)	
Running time	h - min	2 h
Battery compartment dimensions x No	mm X No	400x410x300 x 1

BRUSHES

Diameter - Pad x No	mm - inch x No	180 - 7" x 4
Motor rating x No	W x No	100 x 4
Motor speed	rpm	190
Down pressure - Contact pressure	Kg - g /cm ²	22 - 20,4

TRACTION

Motor rating	W	700
Driving speed	Km/h	5
Hill climbing ability	%	5

VACUUM

Motor rating	W	550
Vacuum	mbar/mmH2O	1791
Airflow rating	l/s	30
Noise level	dB(A)	64

TANK

Type		Double tank
Cleaning solution tank	l	65
Recovery tank	l	65
Weight (empty/with batteries)	Kg	140/220
Dimensions	mm	1150x780x1425

OPTIONAL ACCESSORIES

TYPE	REF. NO.
Pad driver 7"	4915-0011-0
Tynex brush 7"	4905-0041-0
Set polyurethane squeegee blades 750 mm (front/rear)	96.0055.00

STANDARD ACCESSORIES

TYPE	REF. NO.
Polypropylene brush 7" Ø 0,6 (*)	4905-0037-0
External battery charger 24V 20A (**)	18.0063.00
Gel battery set (2 pcs) 12V 105 Ah (**)	18.0001.00
Set natural rubber squeegee blades 750 mm (front/rear)	96.0091.01

(*) 4 brushes on standard equipment

(**) Only for BC version

RUNNER R 150 FD 85

RIDE ON SCRUBBER DRYERS RUNNER SERIES

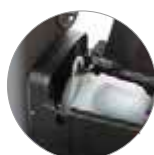
Runner is the new Ghibli & Wirbel's ride-on scrubber dryer. Sturdy, powerful and extremely reliable, it is the ideal machine for any kind of cleaning task, above all the long and heavy ones. Remarkable scrubbing width, combined with high productivity (up to 5000 m²/h), guarantees the perfect solution for large areas cleaning. Excellent cleaning performance thanks to adjustable down pressure (three steps, up to 89 Kg down pressure) and detergent action (chemical mixing system); wide and reactive squeegee for top drying results on every kind of surface. Everything in Runner is designed to ensure efficiency and comfort; all the main functions of the machine can be easily managed by intuitive control panel; the easy access from both sides and the perfect visibility while working guarantee comfort and ease of use even during long and hard working sessions. The BC version is equipped with battery charger and batteries (36V).



Control panel with display



Adjustable down pressure (three steps)



Chemical mixing system



Side skirt blades easy to lift up and down



Immediate access to all main components

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
RUNNER R 150 FD 85	10.1685.00	1
RUNNER R 150 FD 85 BC	13.1685.00	1

TECHNICAL DATA

FEATURES		
Cleaning width	mm	850
Squeegee width	mm	1050
Productivity (theor./practical)	m ² /h	5.000- 3.000
Power supply		Battery 36V
Installed power	W	2650
Advancement		with traction
IP code		IPX3
BATTERIES		
Type	Gel battery set (6 pcs) 6 V 240 Ah (***)	
Running time	h - min	5 h
Battery compartment dimensions x No	mm X No	540x295x380 x2
BRUSHES		
Diameter - Pad x No	mm - inch x No	440 - 17" x 2
Motor rating x No	W x No	500 x 2
Motor speed	rpm	170/140
Down pressure - Contact pressure	Kg - g /cm ²	52;67;89 / 23;29;39
TRACTION		
Motor rating	W	600
Driving speed	Km/h	6
Hill climbing ability	%	16
VACUUM		
Motor rating	W	600
Vacuum	mbar/mmH2O	165 / 1.700
Airflow rating	l/s	32
Noise level	dB(A)	67/59*
TANK		
Type	Double tank	
Cleaning solution tank	l	150
Recovery tank	l	160
Weight (empty/with batteries)	Kg	284/572
Dimensions	mm	1850x1020x1380

STANDARD ACCESSORIES

TYPE	REF. NO.
17" Polypropylene brush Ø 0,9 (**)	40.0107.00
Side skirt rubber blade	39.0109.00
Set front + rear rubber blade	96.0162.00
Cabinet charger 36 V 28 A (***)	18.0050.00
Gel battery set (6 pcs) 6 V 240 Ah (***)	18.0011.00
Bumper	25.0524.00

OPTIONAL ACCESSORIES

TYPE	REF. NO.
17" Polypropylene brush Ø 0,7	40.0007.00
17" Polypropylene brush Ø 1,2	40.0307.00
Pad holder 420 mm (for 17" pad)	40.1007.00
Set front + rear polyurethane blade	96.0163.00

(*) Silent mode function

(**) 2 Brushes on standard equipment

(***) For BC version

RUNNER R 150 FD 100

RIDE ON SCRUBBER DRYERS RUNNER SERIES

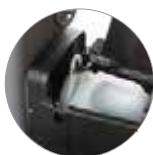
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Control panel with display



Adjustable down pressure (three steps)



Chemical mixing system



Side skirt blades easy to lift up and down



Immediate access to all main components

PRODUCT IDENTIFICATION

TYPE	REF. NO.	PIECES/PALLET
RUNNER R 150 FD 100	10.0610.00	1
RUNNER R 150 FD 100 BC	13.0610.00	1

TECHNICAL DATA

FEATURES

Cleaning width	mm	1000
Squeegee width	mm	1300
Productivity (theor./practical)	m ² /h	6.000 - 3.600
Power supply		Battery 36V
Installed power	W	2650
Advancement		with traction
IP code		IPX3

BATTERIES

Type	Gel battery set (6 pcs) 6 V 240 Ah (***)	
Running time	h - min	5 h
Battery compartment dimensions x No	mm X No	540x295x380 x2

BRUSHES

Diameter - Pad x No	mm - inch x No	508 - 20" x 2
Motor rating x No	W x No	500 x 2
Motor speed	rpm	170/140
Down pressure - Contact pressure	Kg - g /cm ²	65;79;101 / 24;29;37

TRACTION

Motor rating	W	600
Driving speed	Km/h	6
Hill climbing ability	%	16

VACUUM

Motor rating	W	600
Vacuum	mbar/mmH ₂ O	165 / 1.700
Airflow rating	l/s	32
Noise level	dB(A)	67/59*

TANK

Type	Double tank	
Cleaning solution tank	l	150
Recovery tank	l	160
Weight (empty/with batteries)	Kg	296/584
Dimensions	mm	1850x1100x1380

STANDARD ACCESSORIES

TYPE	REF. NO.
20" Polypropylene brush Ø 0,9 (**)	40.0109.00
Side skirt rubber blade	39.0115.00
Set front + rear rubber blade	96.0164.00
Cabinet charger 36 V 28 A (***)	18.0050.00
Gel battery set (6 pcs) 6 V 240 Ah (***)	18.0011.00
Bumper	25.0524.00

OPTIONAL ACCESSORIES

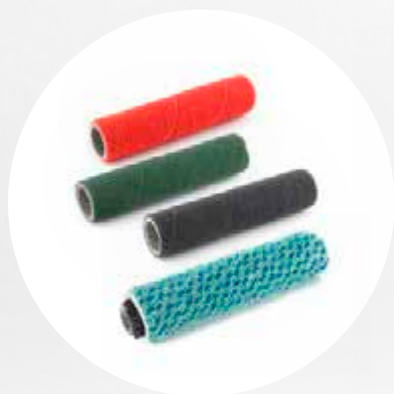
TYPE	REF. NO.
20" Tynex brush Ø 1,2 grit 80	40.0209.00
Pad holder 485 mm (for 20" pad)	40.1003.00
Set front + rear polyurethane blade	96.0165.00

(*) Silent mode function

(**) 2 Brushes on standard equipment

(***) For BC version

ACCESSORIES FOR SCRUBBER DRYERS



Experience and expertise allow Ghibli & Wirbel to offer not just a machine, but real and complete cleaning system. The accessories are of great importance because they allow different applications and opening up new possibilities. Ghibli & Wirbel offers a very large range of brushes and discs, for shampooing, scrubbing, buffing, polishing, stripping and sanding.

HOW TO USE OUR PADS

DEEP CLEANING	PADS
Linoleum	 
PVC, vinyl, synthetic resin coatings	
Dark marble, granite, smooth ground terrazzo (not polished)	
Light-coloured/white marble (not polished)	
Granite, stone carpet (not polished)	
Tiles, glazed brick	
Fine stoneware	 
Resin coated	 
Concrete floor	 
MAINTENANCE CLEANING	PADS
Linoleum	 
PVC, vinyl, synthetic resin coatings	 
Dark marble, granite, smooth ground terrazzo	 
Granite, stone carpet	
Tiles, glazed brick	 
Fine stoneware	
Resin coated	 
Concrete floor	 

PAD COLOURS

WHITE	RED	GREEN	BROWN	BLACK	GORILLA	MICROFIBER
						

“How to use our pads” is just an indication. It is recommended to always perform preliminary test on the surfaces, in order to check the final result.

CYLINDRICAL BRUSHES

REF.NO	Ø		TYPE
40.5000.00	80 mm	Polypropylene cylindrical brush 0,20 blue	ROLLY NRG 7 ½ - 11
40.5000.01	80 mm	Soft cylindrical polypropylene brush 0,15 grey	ROLLY NRG 7 ½ - 11
40.5000.02	80 mm	Hard cylindrical polypropylene brush 0,40 black	ROLLY NRG 7 ½ - 11
40.5000.03	80 mm	Tynex cylindrical brush grit 360	ROLLY NRG 7 ½ - 11
40.5000.08	80 mm	Tynex cylindrical brush grit 80	ROLLY NRG 7 ½ - 11

BRUSHES

REF.NO	Ø		TYPE
40.0408.00	15" - 380 mm	Polypropylene brush very soft 0,5 blue	FR 15
40.0008.00	15" - 380 mm	Polypropylene soft 0,7 blue	FR 15
40.0108.00	15" - 380 mm	Polypropylene medium standard 0,9 white	FR 15
40.0208.00	15" - 380 mm	Tynex grit 240 - 0,9	FR 15
40.0002.00	17" - 430 mm	Polypropylene soft 0,7 blue	FR 30 E 45 - SM 45 - M 45 - D 45
40.0102.00	17" - 430 mm	Polypropylene medium standard 0,9 white	FR 30 E 45 - SM 45 - M 45 - D 45
40.0302.00	17" - 430 mm	Polypropylene hard 1,2	FR 30 E 45 - SM 45 - M 45 - D 45
40.0202.00	17" - 430 mm	Tynex grit 80 - 1,2	FR 30 E 45 - SM 45 - M 45 - D 45
40.0010.00	10" - 255 mm*	Polypropylene soft 0,7 white	FR 30 D 50
40.0110.00	10" - 255 mm*	Polypropylene medium 0,9 white	FR 30 D 50
40.0210.00	10" - 255 mm*	Tynex grit 80 - 1,2	FR 30 D 50
40.0510.00	10" - 255 mm*	Tynex grit 80 - 0,9	FR 30 D 50
40.0003.00	21" - 530 mm	Polypropylene soft 0,7 blue	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55
40.0103.00	21" - 530 mm	Polypropylene medium 0,9	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55
40.0303.00	21" - 530 mm	Polypropylene hard 1,2	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55
40.0203.00	21" - 530 mm	Tynex grit 80 - 1,2	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55
40.0001.00	12" - 310 mm*	Polypropylene soft 0,7 blue	ROUND 45 D 60
40.0101.00	12" - 310 mm*	Polypropylene medium 0,9	ROUND 45 D 60
40.0301.00	12" - 310 mm*	Polypropylene hard 1,2	ROUND 45 D 60
40.0201.00	12" - 310 mm*	Tynex grit 80 - 1,2	ROUND 45 D 60
40.0006.00	14" - 360 mm*	Polypropylene soft 0,7 blue	S2 D70
40.0106.00	14" - 360 mm*	Polypropylene medium standard 0,9 white	S2 D70
40.0306.00	14" - 360 mm*	Polypropylene hard 1,2	S2 D70
40.0206.00	14" - 360 mm*	Tynex grit 80 - 1,2	S2 D70
4905-0043-0	11" - 290 mm*	Polypropylene Ø 0,6	RIDER R 65 RD 55
4905-0048-0	11" - 290 mm*	Tynex 0,1	RIDER R 65 RD 55
4905-0037-0	7" - 180 mm**	Polypropylene Ø 0,6	RIDER R 65 FD 65
4905-0041-0	7" - 180 mm**	Tynex 0,1	RIDER R 65 FD 65
40.0007.00	17" - 430 mm*	Polypropylene soft 0,7 blue	RUNNER R 150 FD 85
40.0107.00	17" - 430 mm*	Polypropylene medium standard 0,9 white	RUNNER R 150 FD 85
40.0307.00	17" - 430 mm*	Polypropylene hard 1,2	RUNNER R 150 FD 85
40.0207.00	17" - 430 mm*	Tynex grit 80 - 1,2	RUNNER R 150 FD 85
40.0109.00	20" - 508 mm*	Polypropylene medium standard 0,9 white	RUNNER R 150 FD 100
40.0209.00	20" - 508 mm*	Tynex grit 80 - 1,2	RUNNER R 150 FD 100

* this model works with two brushes

** this model works with four brushes

NYLON PADS

VERY SOFT



WHITE PADS

Disc suitable for the polishing of coated floors.

REF.NO	Ø	TYPE	PCS
C07-WH	7" - 190 mm	RIDER R 65 FD 65	6
C10-WH	10" - 255 mm	FR 30 TOUCH D 50	6
C11-WH	11" - 290 mm	RIDER R 65 RD 55	6
C15-WH	15" - 380 mm	FR 15	6
C17-WH	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	6
C20-WH	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	6

MEDIUM SOFT



RED PADS

Disc suitable for regular maintenance; cleaning sign removal.

REF.NO	Ø	TYPE	PCS
C07-RE	7" - 190 mm	RIDER R 65 FD 65	6
C10-RE	10" - 255 mm	FR 30 TOUCH D 50	6
C11-RE	11" - 290 mm	RIDER R 65 RD 55	6
C12-RE	12" - 305 mm	ROUND 45 D 60	6
C14-RE	14" - 355 mm	S2	6
C15-RE	15" - 380 mm	FR 15	6
C17-RE	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	6
C20-RE	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	6

MEDIUM HARD



GREEN PADS

Disc suitable for partial wet stripping of not coated hard surfaces, for preparing hard surfaces before new coating and for stripping of linoleum and vinyl surfaces.

REF.NO	Ø	TYPE	PCS
C10-GR	10" - 255 mm	FR 30 TOUCH D 50	6
C12-GR	12" - 305 mm	ROUND 45 D 60	6
C14-GR	14" - 355 mm	S2	6
C15-GR	15" - 380 mm	FR 15	6
C17-GR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	6
C20-GR	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	6

HARD



BROWN PADS

Disc suitable both for the dry stripping of coated floors, and for the wet stripping with a normal chemical stripping agent.

REF.NO	Ø	TYPE	PCS
C10-BR	10" - 255 mm	FR 30 TOUCH D 50	6
C12-BR	12" - 305 mm	ROUND 45 D 60	6
C14-BR	14" - 355 mm	S2	6
C17-BR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	6
C20-BR	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	6

VERY HARD



BLACK PADS

Disc suitable for the total wet stripping of hard surfaces with chemical stripping agents. Also suitable for heavy cleaning tasks on cement and industrial floors.

REF.NO	Ø	TYPE	PCS
C07-BL	7"-190 mm	RIDER R 65 FD 65	6
C10-BL	10" - 255 mm	FR 30 TOUCH D 50	6
C11-BL	11" - 290 mm	RIDER R 65 RD 55	6
C12-BL	12" - 305 mm	ROUND 45 D 60	6
C14-BL	14" - 355 mm	S2	6
C17-BL	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	6
C20-BL	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	6

MICROFIBER PADS



MICROFIBER PADS

Disc to wash and to polish structured (irregular and porous), or delicate (wood and parquet) surfaces, not abrasive, it produces a medium brightness.

REF.NO	Ø	TYPE	PCS
06-210-00	13" - 330 mm	FR 15	1
06-230-00	17" - 430 mm	FR 30 E 45 - SM 45 - M 45 - SD 45 - D 45 / R UNNER R 150 FD 85	1
06-405-00	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55 - SD 55 - D 55 / RUNNER R 150 FD 100	1

CYLINDRICAL PADS

CYLINDRICAL PAD HOLDER

Necessary for using cylindrical pads

REF.NO	Ø	TYPE	PCS
40.5000.06	55 mm	ROLLY NRG 7 ½ - 11	1

WHITE CYLINDRICAL PAD

Cylindrical pad suitable for the polishing of coated floors.

REF.NO	Ø	TYPE	PCS
40.5000.11	80 mm	ROLLY NRG 7 ½ - 11	1

RED CYLINDRICAL PAD

Cylindrical pad suitable for regular maintenance; cleaning sign removal.

REF.NO	Ø	TYPE	PCS
40.5000.12	80 mm	ROLLY NRG 7 ½ - 11	1

WHITE CYLINDRICAL PAD

Cylindrical pad suitable for the polishing of coated floors.

REF.NO	Ø	TYPE	PCS
40.5000.11	80 mm	ROLLY NRG 7 ½ - 11	1

BLACK CYLINDRICAL PAD

Cylindrical pad suitable for the total wet stripping of hard surfaces with chemical stripping agents. Also suitable for heavy cleaning tasks on cement and industrial floors.

REF.NO	Ø	TYPE	PCS
40.5000.14	80 mm	ROLLY NRG 7 ½ - 11	1

MICROFIBER CYLINDRICAL PAD

Cylindrical pad suitable for structured surfaces (microporous), or delicate ones (wood and parquet). Surfaces treated with wax wood.

REF.NO	Ø	TYPE	PCS
40.5000.04*	80 mm	ROLLY NRG 7 ½ - 11	1

(*) 40.5000.06 included

MELAMINE CYLINDRICAL PAD

Cylindrical pad suitable for cleaning microporous gres stoneware floors only with water, without chemicals. It removes all black marks from floors with minimal abrasive action. It reduces cleaning times and costs.

REF.NO	Ø	TYPE	PCS
40.5000.10	80 mm	ROLLY NRG 7 ½ - 11	1



CHROMO DIAMOND PADS

Chromo Diamond: a complete range of diamond pads formulated for smooth, restore and polish several different surface such as marble, granite and concrete. They may be used both with single discs and scrubber dryers. Thanks to the effectiveness of cut and polishing, they guarantee good results comparable to those realizable with the traditional machine.

100% MADE IN ITALY

Sequences: 7 different grains, from the most aggressive (sequence 1 / grain 50) to the finer (sequence 7 / grain 3000). Able to work effectively on different types of surfaces, by eliminating also deep scratches.

Colours: for each sequence (1,2,3,4,5,6,7) corresponds one grain, one colour and a distinctive name of floor treatment.

SEQUENCE	NAME / COLOUR	GRAIN	DESCRIPTION												
1	EXTREME	50	BLACK CHROMO DIAMOND PAD - EXTREME <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-BL</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-BL	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-BL	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
2	SUPER	100	BROWN CHROMO DIAMOND PAD - SUPER <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-BR</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-BR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-BR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
3	EXTRA	200	BLUE CHROMO DIAMOND PAD - EXTRA <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-BU</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-BU	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-BU	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
4	HARD	400	RED CHROMO DIAMOND PAD - HARD <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-RE</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-RE	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-RE	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
5	MEDIUM	800	WHITE CHROMO DIAMOND PAD - MEDIUM <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-WH</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-WH	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-WH	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
6	SOFT	1800	YELLOW CHROMO DIAMOND PAD - SOFT <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-YE</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-YE	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2				
REF.NO	Ø	TYPE	PCS												
CD17-YE	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
7	EXTRA SOFT	3000	GREEN CHROMO DIAMOND PAD - EXTRA SOFT <table> <tr> <th>REF.NO</th><th>Ø</th><th>TYPE</th><th>PCS</th></tr> <tr> <td>CD17-GR</td><td>17" - 430 mm</td><td>FR 30 / RUNNER R 150 FD 85</td><td>2</td></tr> <tr> <td>CD20-GR</td><td>20" - 505 mm</td><td>ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100</td><td>2</td></tr> </table>	REF.NO	Ø	TYPE	PCS	CD17-GR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2	CD20-GR	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	2
REF.NO	Ø	TYPE	PCS												
CD17-GR	17" - 430 mm	FR 30 / RUNNER R 150 FD 85	2												
CD20-GR	20" - 505 mm	ROUND 45 E 55 - SM 55 - M 55- SD 55 - D 55 / RUNNER R 150 FD 100	2												



HARD

MEDIUM

SOFT

3 STEPS PRO KIT

A kit composed by three pads able to carry out up to 80% of floor restoration procedures. In order to eliminate deep scratches on regular marble surfaces, it is enough to begin the polishing with the sequence 4, grain 400 (Red Chromo Diamond HARD), then continue with the sequence 5, grain 800 (White Chromo Diamond MEDIUM) and ending with the sequence 6, grain 1800 (Yellow Chromo Diamond SOFT). After finishing these three passages, the floor can be enhanced further with the use of natural fiber pad (Gorilla disc ref.no.06-398-23) along with the polishing powder (Marble Powder ref.no 00-221) to bring the surface to a "mirror like" shine.

REF.NO	Ø	TYPE	PCS
CD17-KIT	17" - 430 mm	Red Chromo Diamond - HARD 17" + White Chromo Diamond - MEDIUM 17" + Yellow Chromo Diamond -SOFT 17"	3
		FR 30 / RUNNER R 150 FD 85	



PAD HOLDERS

REF.NO	Ø	TYPE
40.1008.00	355 mm	(for 15" pad) FR 15
40.1007.00	420 mm	(for 17" pad) FR 30 E 45 - SM 45 - M 45 - D 45 / RUNNER R 150 FD 85 ****
40.1110.00	250 mm	(for 10" pad) FR 30 D 50***
40.1003.00	485 mm	(for 20" pad) ROUND 45 E 55 - SM 55 - M 55 - SD 55 - D 55 / RUNNER R 150 FD 100*****
40.1001.00	290 mm	(for 12" pad) ROUND 45 D 60 ***
40.1006.00	345 mm	(for 14" pad) S2 D 70 ***
4915-0013-0	280 mm	(for 11" pad) RIDER R 65 RD 55 ***
4915-0011-0	178 mm	(for 7" pad) RIDER R 65 FD 65 *****

*** this model works with two pad holders

**** RUNNER models work with two pad holders

***** RIDER R 65 FD 65 models work with four pad holders



SPLASHGUARD PROTECTIONS

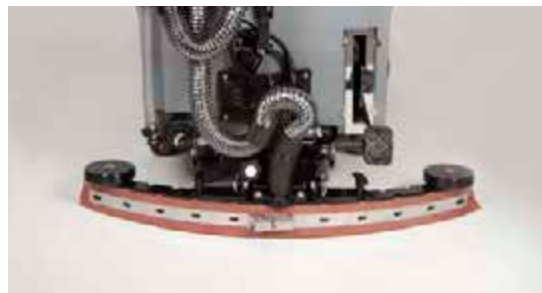
REF.NO		TYPE
95.0082.00	Splashguard with bristles	FR 15 E 38
95.0088.00	Splashguard with bristles	FR 15 M 38
24.0263.00	Detachable brush deck splash guard (without bristles)	FR 30 E45 - M45 - D45
40.4006.00	Brush deck splash guard's bristles	FR 30 E45 - M45 - D45 - D50
24.0264.00	Detachable brush deck splash guard (without bristles)	FR 30 D50
24.0265.00	Detachable brush deck splash guard (without bristles)	ROUND 45 E55 - M55 - D55
40.4003.00	Brush deck splash guard's bristles	ROUND 45 E55 - M55 - D55
24.0266.00	Detachable brush deck splash guard (without bristles)	ROUND 45 D60
40.4007.00	Brush deck splash guard's bristles	ROUND 45 D60
39.0023.00	Brush splashguard	S2 D70 / RUNNER R 150 FD 85
39.0029.00	Brush splashguard	RUNNER R 150 FD 85
39.0109.00	Side skirt rubber blade	RUNNER R 150 FD 85
39.0114.00	Brush splashguard	RUNNER R 150 FD 100
39.0115.00	Side skirt rubber blade	RUNNER R 150 FD 100

BATTERIES

REF.NO		TYPE
22.0571.00	Case batteries Lithium 24V 280Wh	ROLLY NRG 7 ½ - 11
22.0571.01	Case batteries Lithium 24V 560Wh	ROLLY NRG 7 ½ - 11
18.0014.00	Battery 12 V 25 Ah Gel.	FR 15 M 38
18.0017.01	Battery set (2 pcs) 12V 25 Ah	FR 15 M 38
18.0003.00	Battery 12 V 76 Ah Gel.	FR 30 / ROUND 45 M / ROUND 45 SD / ROUND 45 SM BC PLUS
18.0000.00	Gel batteries set (2 pcs) 12 V 76 Ah	FR 30 / ROUND 45 M / ROUND 45 SD / ROUND 45 SM BC PLUS
18.0026.00	Gel batteries set (2 pcs) 12 V 50 Ah	FR 30 SM 45 / ROUND 45 SM
18.0004.00	Battery 12 V 105 Ah Gel.	ROUND 45 / ROUND 45 SD BC PLUS / RIDER R 65
18.0001.00	Battery set (2 pcs) 12V 105 Ah	ROUND 45 / ROUND 45 SD BC PLUS / RIDER R 65
18.0005.00	Battery 6 V 180 Ah Gel.	S2
18.0009.00	Battery set (4 pcs) gel 6 V 180 Ah	S2
18.0006.00	Battery 6 V 240 Ah Gel.	RUNNER R 150
18.0011.00	Battery set (6 pcs) 6 V 240 Ah	RUNNER R 150

CHARGERS

REF.NO		TYPE
22.0619.00	24V 5A charger	ROLLY NRG 7 ½ - 11
22.0619.01	24V 10A charger	ROLLY NRG 7 ½ - 11
18.0065.00	Car charger 24-12 V 3 A	ROLLY NRG 7 ½ - 11
18.0032.01	On board battery charger 24V 5A (Schuko plug 220-240V)	FR 15
22.0630.00	On board charger 24 V 5 A	FR 30 SM / ROUND 45 SM
22.0623.00	On board charger 24 V 9 A	FR 30 / ROUND 45 / ROUND 45 SM BC PLUS / ROUND 45 SD / ROUND 45 SD BC PLUS
22.0634.00	On board charger 24 V 13 A	ROUND 45
22.0046.00	On board charger 24 V 20 A	S2
18.0063.00	External battery charger 24 V 20 A	RIDER R 65
18.0050.00	Cabine charger 36 V 28 A	RUNNER R 150



SQUEEGEE BLADES

REF.NO		TYPE
39.0168.00	Front polyurethane blade	ROLLY NRG 7 ½ - 11
39.0169.00	Rear polyurethane blade	ROLLY NRG 7 ½ - 11
96.0084.00	Set front/rear polyurethane blade	ROLLY NRG 7 ½ - 11
39.0196.00	Front rubber blade	ROLLY NRG 7 ½ - 11
39.0197.00	Rear rubber blade	ROLLY NRG 7 ½ - 11
96.0085.00	Set front/rear rubber blade	ROLLY NRG 7 ½ - 11
39.0077.00	Front rubber blade	FR 15
39.0078.00	Rear rubber blade	FR 15
95.0008.00	Set front/rear rubber blade	FR 15
39.0070.00	Front polyurethane blade	FR 15
39.0071.00	Rear polyurethane blade	FR 15
95.0009.00	Set front + rear polyurethane squeegee blades	FR 15
39.0180.01	Front natural rubber blade	FR 30 / RIDER R 65 RD 55
39.0130.01	Rear natural rubber blade	FR 30 / RIDER R 65 RD 55
96.0159.00	Front + rear natural rubber blades	FR 30 / RIDER R 65 RD 55
39.0182.00	Front polyurethane blade	FR 30 / RIDER R 65 RD 55
39.0132.00	Rear polyurethane blade	FR 30 / RIDER R 65 RD 55
96.0011.00	Set front + rear polyurethane squeegee blades	FR 30 / RIDER R 65 RD 55
39.0181.01	Front natural rubber blade	ROUND 45/ RIDER R 65 FD 65
39.0111.01	Rear natural rubber blade	ROUND 45/ RIDER R 65 FD 65
96.0091.01	Set front + rear natural rubber squeegee blades	ROUND 45/ RIDER R 65 FD 65
39.0183.00	Front polyurethane blade	ROUND 45/ RIDER R 65 FD 65
39.0101.00	Rear polyurethane blade	ROUND 45/ RIDER R 65 FD 65
96.0055.00	Set front + rear polyurethane squeegee blades	ROUND 45/ RIDER R 65 FD 65
39.0003.00	Front rubber blade	S2
39.0035.00	Rear rubber blade	S2
96.0160.00	Set front + rear rubber squeegee blades	S2
39.0036.00	Front polyurethane blade	S2
39.0041.00	Rear polyurethane blade	S2
96.0161.00	Set front + rear polyurethane squeegee blades	S2
39.0005.00	Front rubber blade	RUNNER R 150 FD 85
39.0006.00	Rear rubber blade	RUNNER R 150 FD 85
96.0162.00	Set front + rear rubber squeegee blades	RUNNER R 150 FD 85
39.0034.00	Front polyurethane blade	RUNNER R 150 FD 85
39.0049.00	Rear polyurethane blade	RUNNER R 150 FD 85
96.0163.00	Set front + rear polyurethane squeegee blades	RUNNER R 150 FD 85
39.0093.00	Front rubber blade	RUNNER R 150 FD 100
39.0094.00	Rear rubber blade	RUNNER R 150 FD 100
96.0164.00	Set front + rear rubber squeegee blades	RUNNER R 150 FD 100
39.0119.00	Front polyurethane blade	RUNNER R 150 FD 100
39.0120.00	Rear polyurethane blade	RUNNER R 150 FD 100
96.0165.00	Set front + rear polyurethane squeegee blades	RUNNER R 150 FD 100

GENERAL SALES CONDITIONS



GENERAL SALES CONDITIONS

MACHINES

PREAMBLE

By placing your order of products with Ghibli & Wirbel S.p.A. you agree to be bound by our Supply Terms and Conditions below, an integral part of the sales contract. Any modifications, amendments, exceptions and/or cancellations must be agreed upon by Ghibli & Wirbel S.p.A. in writing in the order confirmation and will only apply to the sales indicated in the order confirmation.

ORDERS

All orders must be sent exclusively to the Email address orders@ghibliwirbel.com or fax number +39 0382 84668. Orders are received by Ghibli & Wirbel S.p.A. and are subject to the company acceptance. The order of the client is binding and cannot be reduced or cancelled, unless Ghibli & Wirbel S.p.A. does not deliver the order to the client within 60 calendar days as per Ghibli & Wirbel S.p.A. delivery terms.

All order forms must be filled in with the following required fields :

- Company name
- Item code and description
- Quantity per item
- Date of requested delivery and if delivery is partial or complete (if not specified the delivery date of reference will be the one mentioned in the order confirmation and will refer to the complete delivery)
- Company Stamp and Signature

Should any of the above required information be incomplete or missing, the order might not be processed by Ghibli & Wirbel S.p.A.

The described supply conditions are intended as approved by the client once the order is submitted. The minimum order quantities per item are mentioned in the current pricelist. Orders not adhering to those quantities or to their multiples will be automatically adjusted without asking for a written authorization by the client.

DELIVERY TERMS

Terms of delivery are subject to stock availability and to production capacity , therefore settlement is not guaranteed. Ghibli & Wirbel S.p.A. therefore reserves the possibility to process the order in different times unless differently requested, (complete delivery) from the client. The missing delivery be it partial or total cannot give rise to any compensation or application of damage, neither cancellation or reduction of the order (except as described above), neither delay of the payments from the client to Ghibli & Wirbel S.p.A. The delivery terms included in the order confirmation are purely indicative .Ghibli & Wirbel S.p.A. is not liable for any delay due to causes of force majeure. Cancellations of programmed orders require a specific commercial agreement with the sales agent of reference.

SHIPMENT

The goods are normally delivered by mean of a carrier that has an agreement with us and therefore at Ghibli & Wirbel S.p.A. own risk. In case of delay, damage, theft , breakdown, tampering or loss during transportation, the receiver must take contact exclusively with Ghibli & Wirbel S.p.A. by filling in the customer complaint reporting form, enclosed in the current pricelist, and transmit it to the Customer Care department. Before accepting the goods it is recommended to verify the weight and integrity of the content and the number of packages. In case of complaints a reserve must be raised on the transportation document , including a clear description of the damage, and the date, time and signature of the driver. In case of effective damage a copy of the transportation document must be sent immediately to Ghibli & Wirbel S.p.A. The lack of reserve on the transportation document will automatically invalidate the claim against Ghibli & Wirbel S.p.A.

PACKAGING

Ghibli & Wirbel S.p.A. delivers the goods in robust packaging or parcels that are given for free. Any shortfall in the number of pieces (also sealed packs) must be reported to the Customer Care department, using the appropriate form, within 8 days from the receipt of goods.

Transport charges contribution

It is valid what indicated in the specific communication forwarded at the beginning of the year.

PRICES/DISCOUNTS

Valid prices are those included in the pricelist that is in force when the order is placed (V.A.T. excluded), that invalidates and replaces all previous prices and sales conditions, the latter being sent in a separate letter. Ghibli & Wirbel S.p.A. reserves the right to modify the pricelist any time with a one month notice.

PAYMENTS

Payments must be made directly either to Ghibli & Wirbel S.p.A. or to a Ghibli & Wirbel S.p.A. sales agent. Ghibli & Wirbel S.p.A. does not allow arbitrary roundings or withheld. Delays in payment will result in Ghibli & Wirbel S.p.A. charging interests on arrears of Prime Rate + 3 points. Payment terms are specified in the invoice. In case of a missed payment by the customer, Ghibli & Wirbel S.p.A. will put the delivery on hold, and will deliver again once payment has been made, unless otherwise agreed. If the payment is deferred, missing the payment of even one only deadline will result in the forfeiture of the purchaser, ex art.1186 civil code the benefit of the term. Ghibli & Wirbel S.p.A. reserves the right to change the payment conditions at any time, subject to written notice.

PAYMENT METHODS

Payment must be made to the bank indicated in the invoice.

Payments must be made on time according to the established deadline also in case of defective products.

GENERAL SALES CONDITIONS

RETURN AUTHORIZATION

In the event of an error by the customer, the return must be requested to the Customer Care office within 15 calendar days from the receipt of goods. It will be up to the Customer Care to either authorize or not the return, in writing, indicating the percentage of credit subject to the control of goods acceptance. The goods returned must be new and in perfect working condition, and must be sent in the original packaging and in free port. In any case, all returns of goods invoiced for over 3 months after the return request won't be authorized. Any unauthorized shipment of goods to Ghibli & Wirbel S.p.A., or to any of Ghibli & Wirbel S.p.A. branches with the purpose of returning goods, will be returned to the sender. Ghibli & Wirbel S.p.A. accepts liability to pay the costs related to returns of defective machines, accessories and spare parts, acknowledging 100% of the total amount as well as transport charges. The return must be requested by filling in the dedicated form and the request must be sent to the Customer Care within 15 calendar days from the receipt of the goods. Ghibli & Wirbel S.p.A. will deliver the order to the customer, receive the return and issue a credit note.

COMPLAINTS

Any anomalies of product, commercial, administrative or logistic must be reported to the Customer Care department by filling in the dedicated customer complaint report, that must be sent to the fax no. +39 0382 84668 or by E-mail to service@ghibliwirbel.com

ACCESSORIES & SPARE PARTS

ORDERS

Orders for Accessories and Spare Parts may be forwarded through the designated page within the MY G&W (mygw.ghibliwirbel.com) reserved area or by sending an e-mail to orders@ghibliwirbel.com.

SERVICES AVAILABLE

Accessories and Spare Parts orders may be processed using the following preparation and shipping services:

- 24h Express Service
- Standard Service
- Shipping with Machines

24H EXPRESS SERVICE

Orders received before 5 pm will be prepared and shipped the following day by 2:00 pm

The service shall be applied with the following limitations

- 20 kg Maximum
- Maximum 5 order lines

A cost of 15 Euro + VAT shall be applied to the service

A G&W partner courier shall be used for shipping with express priority service and expenses charged to the customer.

STANDARD SERVICE

Said service shall be applied to all A&P (accessories & spare parts) orders unless otherwise instructed by the customer.

All orders shall be prepared and shipped within 4 working days of the order confirmation by G&W.

A G&W partner courier shall be used for shipping with express economy shipping service and expenses charged to the customer.

SHIPPING WITH MACHINES OR BY THE COURIER THE CUSTOMER HAS AN AGREEMENT WITH.

The shipment of the spare parts, at the express request of the customer, may be associated with that of the machines and/or sent by the courier the customer has an agreement with.

The order shall be prepared with the same timing as the standard order and in the case of association with a shipment of machines it must be received at least 4 days in advance of the confirmed delivery date of the machines.

All additions to orders already submitted shall be processed if received up to 48 hrs before the scheduled arrival of the courier.

MINIMUM ORDER

A processing and administrative expense of 25 Euro + VAT shall be applied for all A&P orders with an invoice value less than 100 Euro.

A processing cost of 10 Euro + VAT shall be charged only for 24H Express orders under 100 Euro.

SHIPMENT COST

The costs shall be charged in the invoice according to the notice sent at the beginning of the year.

Upon order confirmation, Customer Care shall include an estimate of the value of the shipment, a figure that may be subject to rectification once the material has been packed and the correct volume is known.

GENERAL WARRANTY TERMS AND CONDITIONS

COVERAGE

Ghibli & Wirbel S.p.A. guarantees that the product is free from design and manufacturing defects within the time established by law (art. 1490 et seq. of the Italian Civil Code and art. 128 et seq. of the Consumer Code Italian Decree Law 206, 6-9-2005).

The products are covered for 12 months from the date of delivery to the end user, which must be documented by submitting the accompanying fiscal document and/or the sales invoice showing the serial number of the machine.

For warranty claims received on machines more than 48 months from the date of shipment (date shown on the Delivery note) Ghibli & Wirbel reserves the right to carry out technical checks on the product and/or not to acknowledge the warranty in the event of faults caused by obsolescence of the components involved.

SCOPE OF THE COVERAGE

The warranty entails free replacement of the components of the machine that show faults or manufacturing defects.

As required by Italian Legislative Decree no. 24 of 2 February 2002 the obligation to provide the warranty to the End User within the required time limits is borne by the Seller, that is to say the Company from which the End User has made the purchase.

Ghibli & Wirbel shall initiate the warranty procedures only at the specific request of the Seller (Dealer), providing them with the component(s) to be replaced.

The cost of the service is borne by the Seller (Dealer).

The distributor/support centre performing the operation is responsible for providing to the end user a high quality, fast, reliable and adequate support service.

EXCEPTIONS

Batteries and chargers are guaranteed for 12 months starting from the date shown on the Ghibli & Wirbel transport document.

Acknowledgement of the warranty is subject to the manufacturer's technical opinion.

EXCLUSIONS

The following are excluded from warranty coverage:

- Damage due to wear and normal deterioration
- Consumables (wheels, filters, brushes, rubber, carbon brushes, motor brushes)
- Parts damaged due to incorrect use or lack of maintenance
- Damage resulting from unauthorised changes
- Damage on machines on which non-original parts have been installed
- Damage due to corrosion or premature deterioration due to unsuitable chemical agents
- The cost of labour
- Costs arising from downtime
- Transport damages when transport is organised by the customer or if the damage is not reported in the transport documents.

WARRANTY CLAIM

To access the warranty procedure the customer must perform the following operations:

Fill in the warranty claim in the appropriate MY G&W reserved area accessible from www.ghibliwirbel.com or send the completed warranty form M20-1 to service@ghibliwirbel.com.

Attach a document certifying the date of sale to the end customer to the claim, failing which, Ghibli & Wirbel reserves the right to have the warranty period start from the date of shipment of the machine from the G&W facilities indicated on the transport document.

Attach all useful documentation (photo) to the claim for assessing the defect.

The warranty claim must be submitted no later than two months from the occurrence of the operation.

GENERAL WARRANTY TERMS AND CONDITIONS

RETURN OF FAULTY PARTS AND ASSESSMENT OF DOCUMENTS

During the assessment stage of the claim the Service may request shipment of the defective parts (with the Ghibli & Wirbel partner courier) for further assessments for the purpose of the warranty agreement.

In the event that G&W Service does not deem it necessary to return the faulty component:

- If the warranty claim assessment is positive, the customer can proceed with repair of the product and shall receive the component used as a replacement with the first possible shipment.

If however the component covered by the claim needs to be returned for technical checks:

- the customer may request to purchase the spare part covered by the warranty

Subsequently, if the warranty claim assessment is positive, Ghibli & Wirbel S.p.A. shall issue a credit note for the total value of the spare parts covered by the warranty and the transport costs incurred.

The customer shall keep all the parts for which no return request has been made in stock for 60 days, available to the Ghibli & Wirbel SERVICE; after which period the parts may be disposed of.

All components returned to Ghibli & Wirbel S.p.A. shall strictly be covered by the Delivery note.

For shipments from countries outside the EU, the return must be accompanied by documents suitable for correct custom clearance of the goods, if in doubt request instructions from service@ghibliwirbel.com

Should the warranty claim be rejected, Ghibli & Wirbel S.p.A. shall notify the customer explaining the reasons; any returned defective parts shall be disposed of unless explicit request for return is made, in which case any transport costs shall be charged to the recipient.

Ghibli & Wirbel S.p.A. reserves the right to amend the warranty conditions at any time in compliance with the law.

TRANSPORT DAMAGE

Transport damage must be stated on the carrier's delivery note and reported within 5 days from the date of delivery to service@ghibliwirbel.com

The claim may be made through the specific MY G&W reserved area accessible from www.ghibliwirbel.com or by sending the completed M20-1 warranty form to service@ghibliwirbel.com.

The damaged parts shall be sent as replacements, using the same methods as for warranty replacements.

The following must be attached to the claim:

- Copy of the haulier's delivery note showing specific conditional acceptance, made upon receiving the goods (the conventional "Conditional Acceptance" stamp is not covered by the insurance), one copy is kept by the haulier and the other by the customer
- Copy of the transport document (some couriers request conditional acceptance on this document)
- Pictures showing the damage caused
- Picture, in case of machines, of the technical data on the machine

Failing to state conditional acceptance to the haulier entitles Ghibli & Wirbel S.p.A. to acknowledge 50% of the damaged value at most.

Damages suffered when transport is organised by the customer are not covered.

JURISDICTION

Any dispute shall be under the exclusive jurisdiction of the Court of Pavia.

ghibli & wirbel

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