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Dry vacuum robot

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OVERVIEW

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DRY VACUUM CLEANERS





S10 Light

S10 Recycling

S10Light / S10 Recycling

Strong suction power characterizes these extremely handy and compact devices. The small, quiet and robust power packs on 5 rollers are maneuverable and particularly user-friendly and can be stowed anywhere without any problems. Instead of technical refinements, the user benefits from proven robust quality and strong performance. Extensive accessories allow full cleaning even in corners and angles. All parts of the device are recyclable. The S10 Recycling is made with up to 70% recycled material.

• Spare parts and service warranty for all S10 models

Technical data	S10Light / S10 Recycling
Total power	850 W / 230 V
Vacuum	264 mbar
Container capacity	121
Castors	5
Cable length	7.5 m
Weight	7 kg
Measurements I / w / h	40/40/40 cm



Large dust filter

Art.	Scope of delivery	S10Light	S10 Recycling	
645.002	Metallic tube (2 pieces needed)	✓	✓	
012.567	Suction hose 2,2 m, with hand tube and missing air flap	✓	✓	
022.300	Dustbag basket with filter complete	✓	✓	
646.210	Hard floor nozzle red with brush strip 30 cm	✓		
646.200	Hard floor nozzle black with brush strip 30 cm		✓	
_	Paper dustbag	✓	✓	



Robust plug-in suction hose



5 castors fo	or stability
and mane	verability



Hepa Filter (optional)



S10 Light HEPA

Art.

022.015

645.002B

022.320

022.455

022.430

022.431

022.435A

Requires the special accessory 022.455 HEPA filter 13.

Special accessories

Inox tube short

Hepa filter 13

Textile dustbag

Filter cloth

Telescope vacuuming tube

Paper dustbag (5 pieces)

Nozzle and brush overview see page 17

Fleece bag (5 pieces)

DRY VACUUM CLEANERS



Art. S10 Plus: 022.010 Art. S10 Plus HEPA: 022.012



S10 Plus / S10 Plus HEPA

S10 Plus SL

Whether dry dirt or wet debris – with the S10 Plus dry vacuum cleaners from Cleanfix you are always well equipped. They are efficient, easy to handle and versatile. This means that they can reliably handle even the most demanding cleaning tasks. The models are equipped with a multifunction handle, a cable holder and two positions for the suction tube holder. The S10 Plus SL has two movable and two fixed rubberized wheels.

- · 5 castors for stability and maneuverability
- · Cable strain relief and multifunction handle with 2 positions for the suction pipe holder
- S10 Plus Hepa with HEPA filtration

- Slide guide with 2 movable and 2 fixed castors
- Cable strain relief and multifunction handle with 2 positions for the suction pipe holder



Hepa Filter H13



Robust plug-in suction hose





S10 Plus: maneuverability with 5 castors



S10 Plus SL: slide guide	_



2 positions for the suction pipe holder



Technical data S10 Plus / S10 Plus HEPA S10 Plus SL Total power 850 W/230 V 850 W/230 V 242 mbar 264 mbar Vacuum Container capacity 121 12 | 5 2/2 Castors Cable length 10 m 10 m 9 kg Weight 9,2 kg 40/40/49 cm Measurements I/w/h 40/40/49 cm

Art.	Scope of delivery	S10 Plus	S10 Plus HEPA	S10 Plus SL
012.410	Metallic tube with clip	✓	✓	✓
645.002	Metallic tube	✓	✓	✓
012.567	Suction hose 2,2 m, with hand tube	✓	✓	✓
022.300	Dustbag basket with filter complete	✓	✓	✓
022.455	Hepa filter 13		✓	
645.004	Upholstery nozzle	✓	✓	✓
645.006	Rubber crevice tool	✓	✓	✓
645.103	Combi nozzle	✓	✓	✓
_	Dustbag	✓	✓	✓

Art.	Special accessories	S10 Plus	S10 Plus HEPA	S10 Plus SL
012.410C	Telescope vacuuming tube chrome-plated with sliding clamp	✓	✓	✓
645.002B	Inox tube short	✓	✓	✓
022.320	Filter cloth	✓	✓	✓
022.455	Hepa filter 13	✓		✓
022.430	Paper dustbag (5 pieces)	✓	✓	✓
022.431	Fleece bag (5 pieces)	✓	✓	✓
022.435A	Textile dustbag	✓	✓	✓
_	Nozzle and brush overview see page 17	✓	✓	✓

S10 Plus SL HEPA

Requires the special accessory 022.455 HEPA filter.

errors and omissions excepted

DRY VACUUM CLEANERS

Art.: 008.000

Compact vacuum cleaner with two large rear wheels makes the vacuum cleaner easy to guide.
Easy handling thanks to low weight.

- · Filter cartridge included
- Dust bag included

UPRIGHT VACUUM CLEANER



Art.: 365.000

BS360 Eco

High-performing and handy vacuum and floor brushing machines with two motors. The roller brush with four height settings makes the cleaner suitable for all kinds of carpets. Stubbornly adhering dirt particles such as threads or hairs are loosened from the fibers and vacuumed up, and the carpet is brushed up again.



Filter and dustbag



Varied accessories

Technical data	S08	BS360 Eco
Total power	850 W /230 V	875 W
Vacuum	210 mbar	128,5 mbar
Container capacity	71	51
Working width		36 cm
Brush revolutions		3150 U/min
Castors	4	
Cable length	15 m	12 m
Weight	7 kg	9 kg
Measurements I/w/h	39 / 41 / 43 cm	27/36/124 cm

Art.	Scope of delivery	S08	BS360 Eco
008.100	Suction hose with hand tube	✓	
008.101	Combi nozzle	✓	
008.102	Rubber crevice tool	✓	
008.103	Upholstery nozzle	✓	
008.104	Metallic tube	✓	
008.105	Filter mat	✓	
008.107	Filter cartridge	✓	
355.030	Complete suction tube		✓
355.134	Rubber crevice tool		✓
_	Dustbag (1 pcs.)	√	

Art.	Special accessories	S08	BS360 Eco	
008.106	Fleece bag (10 pieces)	✓		
008.107A	Filter cartridge HEPA	✓		
355.001	Paper dustbag (10 pcs.)		✓	
365.001	Textile dustbag white with Velcro		✓	
355.121	Brush stripes BS360		✓	
365.045	Exhaust air filter HEPA		√	



Roller brush with 4 height settings



Exhaust air filter HEPA





Large dustbag

BACKPACK VACUUM CLEANER WITH CABLE

BACKPACK VACUUM CLEANER WITH BATTERY



RS05 Silent

The ergonomically adapted support frame of this lightweight dry vacuum cleaner ensures fatigue-free working even after hours. The practical backpack design favors the radius of action and guarantees efficient cleaning of textile floor coverings and hard surfaces such as parquet, linoleum and stone. A further operating convenience is the suction power control integrated in the handle.



RS05 CAS

The ergonomic backpack vacuum cleaner with the cross-manufacturer rechargeable battery system from CAS (Cordless Alliance System), ensures unlimited and safe work without cables. The control unit on the carrying strap allows easy switching from standard to the quieter, but still efficient, ECO mode with up to 60 minutes runtime (depending on battery size).



Can be adapted for left and right hander



Easy change of the dustbag



Filter Hepa H13 with seal (optional)



Ergonomic comfortable carrying frame

RS05 Silent	RS05 CAS
850 W/230 V	600 W / 36 V
242 mbar	220 mbar
61	61
15 m	
	Li-lon
	70 min (10 Ah, eco)
	10 Ah: 93 min / 5.5 Ah: 43 min
4.8 kg	
	5.5 kg / 7.5 kg
28/29/57 cm	28 / 37 / 57 cm
	850 W / 230 V 242 mbar 6 l 15 m

Art.	Scope of delivery	RS05 Silent	RS05 CAS
022.015	Telescope vacuuming tube	✓	✓
025.050	Suction hose 1,5 m, with hand tube	✓	✓
025.150	Adjustable carrying frame	✓	✓
025.164	Carrying strap	✓	✓
645.004	Upholstery nozzle	✓	✓
645.006	Rubber crevice tool	✓	✓
645.210	Hard floor nozzle red with brush strip, 30 cm	✓	✓
_	Fleece haa (1 pcs)	✓	✓

Art.	Special accessories	RS05 Silent	RS05 CAS	
025.510	CAS battery 5.5 Ah (1 pcs) *		✓	
025.511	CAS battery 10 Ah (1 pcs) *		✓	
025.513	CAS charger duo		✓	
025.222	Filter Hepa H13	✓	✓	
645.002	Metallic tube (2 pieces needed)	✓	✓	
645.002B	Inox tube short	✓	✓	
025.431	Fleece bag (5 pieces)	✓	✓	
025.435	Textile dustbag	✓	✓	
P375	Cable assembly discharge	✓		
_	Nozzle and brush overview see page 17	✓	✓	



Battery holder on the side of the cleaner



Control unit on the carrying strap



Ergonomic comfortable carrying frame



See page 17

^{*} One RS05 CAS backpack vacuum cleaner requires two batteries with one charger.

Art. S10 Plus CAS: 022.500 Art. S10 Plus CAS: 022.511 Scope of delivery without batteries





Art.: 022.560 Scope of delivery without batteries

S10 Plus CAS / S10 Plus CAS HEPA

S10 Plus SL CAS

The professional S10 Plus models with the cross-manufacturer rechargeable battery system from CAS (Cordless Alliance System), ensures unlimited and safe work without cables. They are ideal for hard-to-reach places and a loyal companion for on the go. CAS batteries also fit into devices from other manufacturers, which means more flexibility and sustainability as well as lower costs.

- CAS battery system: Cross-manufacturer battery system for unlimited, cordless operation
- Light and agile: Compact design with five wheels for maximum flexibility
- Energy-saving Eco mode: Strong performance with reduced energy consumption
- Robust and durable: High product quality for long-term use
- HEPA filter: Improves air quality by filtering fine dust and allergens

Technical data	S10 Plus CAS / S10 Plus CAS HEPA	S10 Plus SL CAS
Total power	600 W / 36 V (Li-lon)	600 W / 36 V (Li-lon)
Vacuum	231 mbar	231 mbar
Container capacity	12	121
Castors	5	2/2
Battery technology	Li-lon	Li-lon
Maximum running time	70 min (10 Ah, eco)	70 min (10 Ah, eco)
Battery charging time	10 Ah: 93 min / 5.5 Ah: 43 min	10 Ah: 93 min / 5.5 Ah: 43 min
Weight	9 kg / 11 kg	9 kg / 11 kg
Measurements I/w/h	40/40/49 cm	40/40/49 cm

Art.	Scope of delivery	S10 Plus CAS	S10 Plus CAS HEPA	S10 Plus SL CAS
012.410	Metallic tube with clip	✓	✓	✓
645.002	Metallic tube	✓	✓	✓
012.567	Suction hose 2,2 m, with hand tube	✓	✓	✓
022.300	Dustbag basket with filter complete	✓	✓	✓
022.455	Hepa filter 13		✓	
645.004	Upholstery nozzle	✓	✓	✓
645.006	Rubber crevice tool	✓	✓	✓
645.103	Combi nozzle	✓	✓	✓
_	Dustbaa	✓	✓	✓

Art.	Special accessories	S10 Plus CAS	S10 Plus CAS HEPA	S10 Plus SL CAS
025.510	CAS battery 5.5 Ah (1 pcs) *	✓	✓	✓
025.511	CAS battery 10 Ah (1 pcs) *	✓	✓	✓
025.513	CAS charger duo	✓	✓	✓
012.410C	Telescope vacuuming tube chrome-plated with sliding clamp	✓	✓	✓
645.002B	Inox tube short	✓	✓	✓
022.320	Filter cloth	✓	✓	✓
022.455	Hepa filter 13	✓		✓
022.430	Paper dustbag (5 pieces)	✓	✓	✓
022.431	Fleece bag (5 pieces)	✓	✓	✓
022.435A	Textile dustbag	✓	✓	✓
-	Nozzle and brush overview see page 17	✓	✓	✓







Hepa Filter H13



S10 Plus: maneuverability with 5 castors



S10 Plus SL: slide guide



See page 17

S10 Plus SL CAS HEPA requires the special accessory 022.455 HEPA filter.

^{*} S10 Plus models CAS requires two batteries with one charger.

DRY VACUUM ROBOT WITH DOCKING STATION



Art.: 017.010

S170-2 SIM

T000942

Cleaning tool (brush and knife)

The S170-2 SIM dry vacuum robot is specially designed for professional use and independently cleans hard floors and short-pile carpets up to $300 \, \text{m}^2$ using a systematic algorithm. It intelligently adapts to changes in its environment and continues cleaning in the same place after charging or emptying. The docking station charges the battery, empties the dust tank automatically, and minimizes maintenance. A roller brush with rubber lamellas removes deep-seated dirt, while a HEPA filter reduces dust pollution. The robot works around the clock according to a schedule or on demand and can be controlled centrally via FieldBots fleet management. The optional front bumper extension prevents the robot from running over obstacles, significantly reducing the risk of it getting stuck.

- Wi-Fi connection now also available via 5 GHz
- Integrated SIM card for operation without Wi-Fi
- Suction motor reinforced to 4000 Pa
- Base plate for optimized docking
- Integrated cable management on the docking station
- UVC light for additional hygiene



For areas up to 300m² and with up to 250 min. battery life.

Technical data	S170-2 SIM	Technical data	S170-2 SIM
Working without / with side brush	170 mm / 275 mm	Battery type	Lithium-ion
Capacity Dust tank	0.281	Climbing ability	≤ 20 mm
Capacity Dust Collector	2.51	Dimensions robot (L x W x H)	345 x 345 x 97 mm
Surface (1 charge)	bis zu 320 m²	Dimensions Docking station (L x W x H)	350 x 490 x 303 mm
Recommended use	20-300 m ²	Mains voltage	220-240 VAC
Cleaning pattern	systematically	Mains frequency	50/60 Hz
Battery capacity	5'200 mAh	Communication	Wi-Fi or mobile network
Battery running time	up to 250 min	Dust ilter	HEPA, UVC light
Battery charging time	5.5-6 h	Sensors	Bumper, Ultrasound, LiDAR



Built for fleet use.

Art.	Scope of delivery	S170-2 SIM
-	Docking station with suction function	✓
017.064	Lithium-ion battery	✓
T000867	Cylindrical Brush with rubber blades and brushes	✓
017.059	Side brush	✓
_	Fleece bag	✓
017.450	Filter kit for dust container (coarse dirt filter, HEPA filter and sponge)	✓
017.080	Remote control	✓



Automatic mapping, virtual walls and laser navigation (LiDAR).

Art.	Special accessories	S170-2 SIM
T000868	Fleece bag (10 pieces)	✓
017.091	Frontbumper extension	✓



Control and fleet management by FieldBots.

Art.	Software (1-year licence for 1 robot)	S170-2 SIM	
017.050	FieldBots OS (1-year licence for 1 robot) Cloud-based robot fleet management Software: Control and fleet management by FieldBots. Planner + group start / maintenance view / statistics and reports / for mobile, tablet and PC	✓	

Product overview 2025 **cleanfix.com** errors and omissions excepted



The versatile universal unit is distinguished by its special flexibility. A robust high-performance unit, the vacuum cleaner and water extraction functions are combined in one appliance.

- · Multifunction handle
- · Patented float system



Robust and flexible, the perfect model for small to medium areas. For operators who require a high-performance wet / dry vacuum cleaner, with added benefits for easy operation.

- · Large wheels
- · Patented float system



New filter system with sensational separation even with foamy liquids



Simple mounting and dismounting of suction hose



Accessories



Simple dismantling and cleaning

	1			
4	7	1		
			5	

SW21 Large wheels provide maximum maneuverability and ease of use

Technical data	SW20 plus	SW21Combi
Total power	1100 W/230 V	1100 W/230 V
Vacuum	220 mbar	231 mbar
Container capacity	201	25
Castors	5	4
Cable length	10 m	10 m
Weight	10 kg	12,7 kg
Measurements I/w/h	38/38/59 cm	42/42/65 cm

Art.	Scope of delivery	SW20 plus	SW21Combi	
014.600	Float insert complete		✓	
020.567	Suction hose 3 m, with hand tube	✓	✓	
021.601	Float insert complete	✓		
645.003	Inox tube with clip	✓		
645.002A	Inox tube 50,5 cm	✓	✓ (2x)	
645.004	Upholstery nozzle	✓	✓	
645.006	Rubber crevice tool	✓	✓	
645.103	Combi nozzle	✓	✓	
646.100	Water suction nozzle, 30 cm		✓	
646.200	Hard floor nozzle with brush strip, 30 cm		✓	
646.300	Water suction nozzle, 37 cm	✓		
20122519	Dustbag basket with filter complete	✓	√	
_	Paper dustbag (1 piece)	✓		
_	Fleece dustbag (1 piece)		✓	

Art.	Special accessories	SW20 plus	SW21Combi	
645.002B	Inox tube short	✓	✓	
022.015A	Telescope vacuuming tube inox	✓	✓	
014.430	Fleece dustbags (5 pieces)		✓	
020.320	Filter cloth	✓	✓	
020.430	Paper dustbag (10 pieces)	✓	✓	
687011290	Paper filter (10 pieces)		✓	
_	Nozzle and brush overview see page 17	✓	✓	



High performance and uncompromisingly. The model for professionals who require a heavy-duty wet pick up vacuum with long lasting accessories. This SW21 Aqua is also perfect in combination with the use of Cleanfix single disc machines.

· Patented float system

Technical data	SW21 Aqua
Total power	1100 W / 230 V
Vacuum	231 mbar
Container capacity	251
Castors	4
Cable length	10 m
Weight	12,7 kg
Measurements I/w/h	42/42/65 cm



New filter system with sensational separation even with foamy liquids

Art.	Scope of delivery	SW 21 Aqua
014.567	Set of 2 Inox tubes bent, Ø 38 mm	✓
014.569	Suction hose 4 m, Ø 38 mm	✓
014.600	Float insert complete	✓
646.300	Water suction nozzle, 37 cm	✓



Wet tools and inox tubes

Art.	Special accessories	SW 21 Aqua
014.430	Fleece bags (5 pieces)	✓
20122519	Dustbag basket with filter complete	✓
_	Nozzle and brush overview see page 17	✓



suction tool



See page 17

Product overview 2025 **cleanfix.com** errors and omissions excepted





SW22 P

SW22

The small wet / dry vacuum cleaners with high suction power for professional use. Easy to transport thanks to 4-wheel chassis.

- High suction power
- High-quality stainless steel tank
- · Stainless steel suction tube

- High suction power
- High-quality plastic tank
- Stainless steel suction tube

Technical data	SW22	SW22P
Total power	1400 W / 230 V	1400 W / 230 V
Vacuum	245 mbar	245 mbar
Volume tank	201	201
Working width	37 cm	37 cm
Cable length	10 m	10 m
Weight	13 kg	13 kg
Measurements I/w/h	42 / 42 / 63 cm	42 / 42 / 63 cm
Number of motors	1	1



High quality tank made of stainless steel (SW22) or plastic (SW22 P)





Fleece dustbags

Art.	Scope of delivery	SW22	SW22P	
011.567A	Suction hose complete	✓	✓	
011.003A	Inox tube complete	✓	✓	
011.400	Hard floor nozzle with brush strip, 37 cm	✓	✓	
011.300	Water suction nozzle, 37 cm	✓	✓	
011.004	Dropery brush	✓	✓	
011.006	Rubber crevice tool	✓	✓	
027.440	Large-area filter	✓	√	
_	Fleece dustbag	√	✓	

Art.	Special accessories	SW22	SW22 P	
027.430	Fleece dustbaas (5 pieces)	✓	✓	



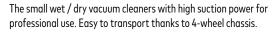
Large-area filter

SW22/SW35/SW60



Accessories nozzles





- · High-quality stainless steel tank
- · High suction power
- Stainless steel suction tube



Wet / dry vacuum cleaner, with 3 motors, with high suction power for professional use. Thanks to its four wheels, it is easy to transport. High-quality stainless steel container and stainless steel tubes.

- · 3 suction motors
- · Stainless-steel tank



High quality tank made of stainless steel



Motor head with float



Fleece dustbags



Large-area filter

Technical data	SW35	SW60	
Total power	1400 W / 230 V	3 x 1000 W / 230 V	
Vacuum	245 mbar	180 mbar	
Volume tank	351	501	
Working width	37 cm	37 cm	
Cable length	10 m	12 m	
Weight	15.4 kg	33 kg	
Measurements I/w/h	42 / 42 / 78 cm	68 / 50 / 76 cm	
Number of motors	1	3	

Art.	Scope of delivery	SW35	SW60	
011.567A	Suction hose complete	✓	✓	
011.003A	Inox tube complete	✓	✓	
011.400	Hard floor nozzle with brush strip, 37 cm	✓	✓	
011.300	Water suction nozzle, 37 cm	✓	✓	
011.004	Dropery brush	✓	✓	
011.006	Rubber crevice tool	✓	✓	
037.440	Large-area filter	✓		
_	Dustbag	✓	√	

Art.	Special accessories	SW35	SW60	
037.430	Fleece dustbags (5 pieces)	✓		
011.430	Paper dustbag (5 pieces)		✓	



Motor head with float



Hose for emptying



Large filter for dry cleaning



Easy to use

SW22/SW35/SW60



Accessories nozzles

OVERVIEW NOZZLES

RS05 CAS ✓ ✓
~
✓
✓
√
✓
✓
✓
√
√
√
✓
✓
✓





The little professional spray-extractor TW300 S is a compact power package on 4 castors. Carpet washing, hard floor cleaning, vacuum cleaning and water pick up in one machine.



TW411

Spray extraction machine for textile surfaces such as carpets, upholstery or car interiors. Thanks to the compact and lightweight construction ideal for basic cleaning of small to medium sized surfaces. Easily removable dirty water tank allows a efficient operation. The powerful suction results in a fast dried surface, the optional hard floor adapter allows cleaning of stone- or other hard floors.



Easy to absorb water



Detachable dirty

Technical data	TW300 S	TW411	
Area performance	30 – 40 m²/h	20 – 25 m²/h	
Power rating fan max.	1000 W	1100 W	
Power rating pump max.	40 W	40 W	
Vacuum	210 mbar	210 mbar	
Tank fresh/dirty water	7/71	10,5/91	
Spray pressure	2,7 bar	2,4 bar	
Spray rate	1,6 l/min	1,6 l/min	
Air flow rate	54 l/sec	54 l/sec	
Cable length	7,5 m	7,5 m	
Weight	8,5 kg	14 kg	
Measurements I/w/h	40/40/52 cm	65/32,5/44 cm	

Art.	Scope of delivery	TW300S	TW411
043.560	Spray and suction hose complete 2,2 m		✓
606.000.4	Carpet adapter 1 jet, 23 cm, with plastic hand tube		✓
606.000	Carpet adapter 1 jet, 26 cm, with plastic hand tube	✓	
P562	Suction hose 3 m	✓	
P566B	Spray hose 3.2 m	✓	

Art.	Special accessories	TW300S	TW411	
606.000.1	Carpet adapter, 1 jet 26 cm, with inox hand tube	✓		
606.000.2	Carpet adapter, 1 jet 23 cm, with plastic hand tube	✓		
606.000.3	Carpet adapter, 1 jet 23 cm, with inox hand tube	✓	✓	
607.000	Stair tool, 1 jet 23 cm	✓	✓	
617.000	Upholstery tool 8 cm, PVC, anthracite, with nozzle inside	✓	✓	
618.000	Upholstery tool 9 cm, alu, with nozzle outside	✓	✓	
622.000	Wall and ceiling tool, 9 cm	✓	✓	
641.000	Dustbag (10 pieces)	✓		
645.000	Dust set with 7 parts	✓		
646.100	Water suction nozzle, 30 cm	✓		
P600W	Hard floor tool for nozzle 23 cm		✓	



Extremely manageable



Easy to empty of the detachable dirty water tank



Easy to handle/ transport



Thanks to the optional slide P600W, it's possible to clean even hard floors



Spray extraction machine for professional use. Thanks to the compact and lightweight construction ideal for basic cleaning of small to medium sized surfaces. The same machine like the TW411, but with two pumps and two jet carpet adapters for a higher spray quantity.



TW600

The extraction machine TW600 is compact in size and big in performance. Thanks to membrane tank also suitable for larger operations.



Easy to empty of dirty water tank





Maximum capacity thanks to membrane tank



Upholstery tool (optional)



Stair adapter (optional)



Hard floor tool for nozzle (optional)



Easy to empty of the détachable dirty water tank



Easy to handle/

Technical data	TW412	TW600	
Area performance	30 – 40 m²/h	30 – 40 m²/h	
Power rating fan max.	1100 W	1100 W	
Power rating pump max.	70 W	80 W	
Vacuum	210 mbar	190 mbar	
Tank fresh/dirty water	10,5/91	28/301	
Spray pressure	2,4 bar	5 bar	
Spray rate	2,6 l/min	2,5 l/min	
Air flow rate	54 l/sec	50 l/sec	
Cable length	7,5 m	7,5 m	
Weight	14 kg	21 kg	
Measurements I/w/h	65/32.5/44 cm	53/36/69 cm	

Art.	Scope of delivery	TW412	TW600
035.561	Spray and suction hose complete 3 m		✓
602.000.1	Carpet adapter 2 jet, 26 cm, with inox hand tube		✓
043.560	Spray and suction hose complete 2,2 m	✓	
602 000 4	Carnet adapter 2 jets, 26 cm, with inox hand tube	✓	

Art.	Special accessories	TW412	TW600	
602.000	Carpet adapter 2 jets, 26 cm with plastic hand tube		✓	
606.000.3	Carpet adapter, 1 jet 23 cm with inox tube	✓	✓	
607.000	Stair tool, 1 jet 23 cm	✓	✓	
617.000	Upholstery tool 8 cm, PVC, anthracite, with nozzle inside	✓	✓	
618.000	Upholstery tool 9 cm, alu, with nozzle outside	✓	✓	
622.000	Wall and ceiling tool 9 cm	✓	✓	
P600W	Hard floor tool for nozzle 23 cm	✓	✓	
660.000	Pre-spray lance with 10m hose		✓	

CARPET AND FLOOR DRYER

Hurrican

Shortens the time to dry out cleaned areas. Gentle drying by room air. Due to this room air circulation no shrinking of any carpets can occur.



Technical data	Hurrican
Nominal voltage	220-240 V / 50 Hz
Total power max.	1200 W
Ventilation stages	3
Wind speeds max.	2500 / 2300 / 2100 m ³ /h
Rotation speed	1350 / 1250 / 1100 1/min
Area of application volume	90 m ³
Cable length	5 m
Weight	9,3 kg
Measurements I/w/h	47 / 45 / 46,5 cm
Noise level stage 3	76 dBA



Spray-extraction machine with a high suction performance for the professional cleaning of large areas with a spray pressure of 9 bar.



TW1250

Spray-extraction machine with a high suction performance for the professional cleaning of large areas. The spray pressure is fully adjustable from 2 to 11 bar.



Easy access to the



Easy to maintain



Stair climbing thanks to big castors



Carpet adapter holder

Technical data	TW 1200	TW 1250
Total power	1700 W / 230 V	1700 W / 230 V
Vacuum	250 mbar	250 mbar
Tank fresh / dirty water	35/401	35/401
Pump pressure	9 bar	2–11 bar infinitely variable
Spray rate	bis 3,0 I/min	bis 3,6 l/min
Air flow rate	60 l/sec	60 l/sec
Vacuum width	30 cm	30 cm
Cable length	12.5 m	20 m
Weight	43 kg	44 kg
Measurements I/w/h	82/41/84 cm	82/41/84 cm

Art.	Scope of delivery	TW1200	TW1250
125.400	Spray and suction hose HP (high pressure), 4 m	✓	✓
500.863	Extension cable 20 m	✓	✓
611.000	Carpet adapter, 4 jet 30 cm, alu high pressure	✓	✓

Art.	Special accessories	TW 1200	TW 1250	
617.000	Upholstery tool 8 cm, PVC, anthracite, with nozzle inside	✓	✓	
618.000	Upholstery tool 9 cm, alu, with nozzle outside	✓	✓	
622.000	Wall and ceiling tool, 9 cm	✓	✓	
638.000	Hard floor adapter, 37 cm, Ø 38 mm	✓	✓	
681.000	Filling up hose for fresh water, 2 m	✓	✓	
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	✓	
660.000	Pre-spray lance with 10m hose	✓	✓	



Easy access to the



Easy to maintain



Stair climbing thanks to big castors



Fully adjustable spray pressure



TW Compact

Highest cleanliness with spray, brush and vacuum. The exceptional carpet cleaning machine with brush action forwards and backwards cleaning. The ideal machine for professional cleaning of large areas. Push bar hinged. With it's adapter connection it is possible to clean corners, edges and stairs.

Technical data	TWCompact
Total power	1600 W / 230 V
Vacuum	250 mbar
Tank fresh/dirty water	36/451
Pump pressure infinitely variable	5 bar
Spray rate	2,6 l/min
Air flow rate	60 l/sec
Vacuum width	36 cm
Brush width	32 cm
Cable length	20 m
Weight	45 kg
Measurements I/w/h	100/45/103 cm

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Spraying and absorbing forward and backward



Bottom view

Art.	Scope of delivery	TW Compact
400.784	Water bucket, 12 I	✓
411.750	Fresh water drain hose	✓
420.472	Cylindrical brush white, soft	✓
500.863	Extension cable 20 m	✓

Art.	Special accessories	TW Compact	
420.470	Cylindrical brush black, hard	✓	
420.011	Spray and suction hose complete 5 m, Ø 32 mm	✓	
602.000.1	Carpet adapter, 2 jet 26 cm, with inox hand tube	✓	
617.000	Upholstery tool 8 cm, PVC, anthracite, with nozzle inside	✓	
618.000	Upholstery tool 9 cm, alu, with nozzle outside	✓	
622.000	Wall and ceiling tool, 9 cm	✓	
632.000	Hard floor adapter, 37 cm, Ø 32 mm	✓	
681.000	Filling up hose for fresh water, 2 m	✓	
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	
660.000	Pre-spray lance with 10m hose	✓	

STEAM VACUUM CLEANERS



The DS5 with its 4.5 bar boiler pressure and integral vacuum system, compactness and versatility make this system perfect for medium/heavily soiled areas.

- Stainless steel construction
- Continuous fill boiler (allows filling during operation)
- · Non-marking castors



Art.: 055.500

DS9c

The DS9c with its power and detergent facility lends itself to the ultimate cleaning tasks. With its 8 bar pressure steam, detergent and vacuum cleaning system, no challenge is too great for this top of the range model.

- With chemical and steam regulation function
- Stainless steel construction
- Continuous fill boiler (allows filling during operation)
- · Non-marking castors

Technical data	DS5	DS9c
Total power max	2950 W / 230 V	3000 W / 230 V
Continuous fill (allows filling during operation)	Yes	Yes
Steam pressure	4.5 bar	8 bar
Steam temperature at source	165° C	185° C
Boiler	1.81	3.31
Cold water tank (easy fill)	2.51	51
Collection tank	12	12
Working width	30 cm	40 cm
Cable length	10 m	10 m
Weight	25 kg	35 kg
Measurements (I/w/h)	80x40x82 cm	70x45x97 cm
Noise level	67 dB(A)	67 dB(A)



Floor cleaning



Steam exhaust cleaning



Upholstery cleaning



Sanitary cleaning

DS9		
With chamistry and		

With chemistry and steam regulation

Art.	Scope of delivery	DS5	DS9c	
055.001	Vacuum and steam hose 2.5m	✓		
055.004	Floor tool housing 30cm	✓		
055.006	Floor tool insert brush 30cm	✓		
055.008	Floor tool insert rubber 30cm	✓		
055.010	Floor tool insert carpet 30cm	✓		
055.002	Vacuum and steam hose, 4 m detergent		✓	
055.005	Floor tool housing 40cm		✓	
055.007	Floor tool insert brush 40cm		✓	
055.009	Floor tool insert rubber 40cm		✓	
055.011	Floor tool insert carpet 40cm		✓	
055.003	Extension tube (1 pcs.)	✓	✓	
055.012	Wall- and window nozzle 25cm	✓	✓	
055.013	Upholstery tool	✓	✓	
055.016	Wall nozzle 15cm	✓	✓	
055.017	Wall nozzle insert brush 15cm	✓	✓	
055.018	Wall nozzle insert rubber 15cm	✓	✓	
055.019	Rubber crevice tool	√	✓	
055.020	Steam jet nozzle long	✓	✓	
055.021	Steam jet nozzle short	✓	✓	
055.024	Service Kit	✓	✓	
_	Nylon brush for steam jet nozzle (1 pcs.)	✓	✓	
-	Brass brush for steam jet nozzle (1 pcs.)	✓	✓	

Art.	Special accessories	DS5	DS9c	
055.014	Nylon brush steam jet nozzle (10 pcs.)	✓	✓	
055.015	Brass brush steam jet nozzle (10 pcs.)	✓	✓	
055.022	Steam jet nozzle short (plastic)	✓	✓	
055.023	Triangular brush for steam jet nozzle (plastic)	✓	√	
055.025	Pin nozzle for steam jet nozzle (plastic)	✓	✓	





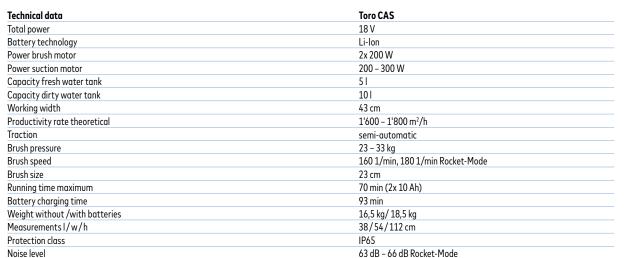


Art.: 444.000

Toro CAS

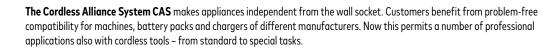
The agile and extremely robust Cleanfix Toro CAS compact cleaning machine is suitable for maintenance and intermediate cleaning. It is your reliable partner on smooth floor surfaces as well as on challenging surfaces such as kitchen tiles with water displacement joints. Thanks to the optional additional weight, it can also handle intensive cleaning. Be inspired by the immaculate cleanliness - at the touch of a button!

- Specially developed for professional cleaning requirements where hygiene and cleanliness have top priority
- · Ideal for bakeries and businesses in the processing industry, for example, as well as for any maintenance cleaning on different floors
- Toro CAS combines state-of-the-art technology with a robust design
- The lightweight and manoeuvrable design reduces physical strain and makes even long cleaning jobs comfortable
- Optimized water and detergent consumption reduces operating costs and environmental impact



Art.	Scope of delivery	Toro CAS	
025.511	CAS batteries 10 Ah (2 pieces)	✓	
025.513	CAS charger duo	✓	
T000527	Scrubbing brush red PPN (2 pieces)	✓	
T000528	Rubber blade standard red	✓	
_	Suction nozzle	<i></i>	

Art.	Special accessories	Toro CAS
T000412	Driving disc (2 pieces needed)	✓
705.913.5	Pad red, Ø 23 cm - more pads see page 53/54	✓





Flexibility and mobility



Instrument panel



Two driving discs



2 CAS batteries



CAS charger for 2 batteries



Easy maintenance

SCRUBBER DRYERS ELECTRIC



Art.: 432.000 without suction nozzle



Art.: 501.000 without suction nozzle

RA431 E

RA501E

Very tough scrubbing machines for middle-sized floor space in business and industry. Optimum cleaning results with high brush pressure. With big wheels the machine runs vibration free and copes well with obstacles. The machine pulls itself forward by using the brush rotation.



Art.	Scope of delivery	RA431 E	RA501 E	
500.863	Extension cable 20 m	✓	✓	
742.059	Scrubbing brush PPN 0,6, Ø 43 cm	✓		
730.059	Scrubbing brush PPN 0,6, Ø 51 cm		✓	

Art.	Suction nozzle	RA431 E	RA501 E	
432.025	Suction nozzle straight oil and grease resistant	✓		
432.559	Suction nozzle curved, standard	✓	✓	
432.600	Suction nozzle curved oil and grease resistant	✓	✓	
501.025	Suction nozzle straight 80 cm, oil and grease resistant		✓	

Art.	Special accessories	RA431 E	RA501 E	
681.000	Filling up hose for fresh water, 2 m	✓	✓	
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	✓	
435.083	Rubber blade oil and grease resistant (suction nozzle curved)	✓	✓	
435.080LT	Rubber blade standard (suction nozzle curved)	✓	✓	
430.080	Rubber blade oil and grease resistant (suction nozzle straight)	✓		
430.082	Rubber blade standard (suction nozzle straight)	✓		
560.080	Rubber blade oil and grease resistant (suction nozzle straight) 80 cm		✓	
530.080	Rubber blade standard (suction nozzle straight) 80 cm		✓	
742.070	Driving disc, Ø 39 cm	✓		
694.322.5	Pad red, Ø 43 cm (5 Stk.) - more pads see page 53/54	✓		
742.0595K	Scrubbing brush 5K, Ø 43 cm	✓		
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓		
742.076	Silicium carbide brush	✓		
730.070	Driving disc Ø 47 cm		✓	
695.087.5	Pad red, Ø 50,8 cm (5 Stk.) - more pads see page 53/54		✓	
730.0595K	Scrubbing brush 5K, Ø 51 cm		✓	
730.073	Exposed aggregate pavement brush Ø 51 cm		✓	
730.476	Silicium carbide brush, Ø 51 cm		✓	
433.059	Scrubbing brush with splash guard PPN 0,6	✓		



Large filling hole



Easy brush assembly



Easy emptying



Suction nozzle curved



Water regulato



Efficient motor protection thanks to float system



Art.: 395.000 integrated charger, without battery



RA395 IBC

The ideal, handy scrubber-dryer for all medium sized hard floors in trade, shops, industry and gastronomy. Thorough cleaning with disc brush. Excellent suction performance. Suction beam can be lifted off. The telescopic handle can be adjusted manually for ergonomic working.

Technical data	RA395 IBC
Power supply	12 V DC
Power brush motor	280 W
Power suction motor	175 W
Vacuum	70 mbar
Capacity fresh water tank	101
Capacity dirty water tank	12
Vacuum width	46 cm
Working width	39 cm
Brush revolutions	185 ¹/min
Productivity rate theoretical	1150 m²/h
Brush pressure	26 kg
Weight (without battery)	55 kg
Measurements I/w/h	77/46/65 cm



Brush with splash guard



The dirty water tank is easily removable

Art.	Scope of delivery	RA395 IBC
395.059	Scrubbing brush 15"	✓
395.080LT	Rubber blade red, standard	✓
395.350	Suction nozzle complete	✓
395.905	Battery charger (integrated)	✓



Easy cleaning of the attachments



Simple access to battery

Art.	Special accessories	RA395 IBC	
395.093	Battery 12V 54Ah C5, Eternity	✓	
395.081	Rubber blade oil resistant	✓	
395.070	Driving disc 15"	✓	
800.902.5	Pad red ø 38,1 cm (5 pieces) - more pads see page 53/54	✓	
395.073	Exposed aggregate pavement brush 15"	✓	
395.076	Silicium carbide brush	✓	



RA431 B RA431 IBC

RA431 B Art.: 436.000

without charger, without battery, without suction nozzle

RA431 IBC Art.: 436.015

integrated charger, without battery, without suction nozzle





Large filling hole



Easy brush assembly





Suction nozzle curved





Efficient motor protection thanks to float system

Very tough scrubbing machine for middle-sized floor space in business and industry. Optimum cleaning results with high brush pressure. With big wheels the machine runs vibration free and copes well with obstacles. The machine pulls itself forward by using the brush rotation.

Technical data	RA431 B	RA431 IBC
Power supply	– 24 V DC	– 24 V DC
Power brush motor	750 W	750 W
Power suction motor	400 W	400 W
Vacuum	110 mbar	110 mbar
Capacity fresh water tank	321	321
Capacity dirty water tank	381	381
Working width	43 cm	43 cm
Productivity rate theoretical	1750 m²/h	1750 m²/h
Brush pressure	47 kg	47 kg
Brush revolutions	160 ¹ /min	160 ¹/min
Weight (without battery)	64 kg	64 kg
Weight (with battery)	122 kg	122 kg
Measurements I/w/h	85/43/80 cm	85/43/80 cm

Power brush motor	750 W	750 W
Power suction motor	400 W	400 W
Vacuum	110 mbar	110 mbar
Capacity fresh water tank	321	321
Capacity dirty water tank	381	381
Working width	43 cm	43 cm
Productivity rate theoretical	1750 m²/h	1750 m²/h
Brush pressure	47 kg	47 kg
Brush revolutions	160 ¹/min	160 ¹/min
Weight (without battery)	64 kg	64 kg
Weight (with battery)	122 kg	122 kg
Measurements I/w/h	85/43/80 cm	85/43/80 cm

Art.	Scope of delivery	RA431 B	RA431 IBC
742.059	Scrubbing brush PPN 0,6, Ø 43 cm	✓	✓

Art.	Suction nozzle	RA431 B	RA431 IBC
432.020	Suction nozzle straight, standard	✓	✓
432.559	Suction nozzle curved, standard	✓	✓
432.600	Suction nozzle curved oil and grease resistant	✓	✓

Art.	Special accessories	RA431 B	RA431 IBC
500.092	Set of 2 gel batteries à 12 V/85 Ah (C5) Eternity	✓	✓
686.100	Battery charger 24V / 12A	✓	
681.000	Filling up hose for fresh water, 2 m	✓	✓
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	✓
435.083	Rubber blade oil and grease resistant (suction nozzle curved)	✓	✓
435.080LT	Rubber blade standard (suction nozzle curved)	✓	✓
430.080	Rubber blade oil and grease resistant (suction nozzle straight)	✓	✓
430.082	Rubber blade standard (suction nozzle straight)	✓	✓
742.070	Driving disc, Ø 39 cm	✓	✓
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	✓
742.0595K	Scrubbing brush 5K, Ø 43 cm	✓	✓
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓	✓
742.076	Silicium carbide brush	✓	✓
436.115	Battery tray for non-maintenance-free batteries	✓	✓
433 059	Scrubbing brush with splash guard PPN 0.6	✓	✓



Art.: 435.020 integrated charger, without battery



Art.: 470.000 integrated charger, without battery

RA435 IBC

RA470 IBC

RA435 IBC

RA470 IBC

The compact and intelligent machine design is aimed at the daily cleaning of retail stores, hotels, offices and workshops. The self-explanatory and ergonomic operation of the RA 435 IBC can be integrated and used in the cleaning team in a versatile and efficient way. Due to the effective curved suction nozzle as well as the simple water regulation you will achieve a perfect cleaning result on all hard floors. You can also adjust the suction power by 3 positions according your needs. The 750 W powerful brush motor and the ergonomic, easy adjustable handle are further plus points. With the intelligent accessories such as the hook for the brush and the transport wheel for easy transfer and parking of the machine, you have everything you need.

RA435 / RA470



Easy adjustable handle with hand lever



Digital display, 3 positions for suction power

Art.

433.059

435.071

435.073

Scope of delivery

Scrubbing brush with splash guard PPN 0,6

Cylindrical Brush Ø130/70x475 mm

Cylindrical Brush 5K, Ø130/70x475 mm



Water regulation



Suction nozzle lift-



Dirty water tank

Technical data	RA435 IBC	RA470 IBC
Power supply	24 V DC	24 V DC
Power brush motor	750 W	50 W
Power suction motor	450 W	450 W
Vacuum	50/130 mbar	50/130 mbar
Capacity fresh water tank	361	361
Capacity dirty water tank	401	40
Working width	43 cm	47,5 cm
Suction nozzle width	76 cm	76 cm
Productivity rate theoretical	1750 m²/h	2180 m² / h
Running time	3h	4h
Brush pressure	36 kg	11 kg
Brush revolutions	160 ¹/min	140 ¹/min
Weight (with battery)	146 kg	123 kg
Measurements I/w/h	95/43/78 cm	108 x 54 x 88 cm
Noise level	65 - 75 dBA	62 - 68 dBA

432.560	Suction nozzle curved standard	V	√
Art.	Special accessories	RA435 IBC	RA470 IBC
500.092	Set of 2 gel batteries à 12 V/85 Ah (C5) Eternity	✓	✓
681.000	Filling up hose for fresh water, 2 m	✓	✓
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	✓
435.083	Rubber blade oil and grease resistant (suction nozzle curved)	✓	✓
435.080LT	Rubber blade standard (suction nozzle curved)	✓	✓
435.070	Driving disc, Ø 38 cm	✓	
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	
742.059	Scrubbing brush PPN 0,6	✓	
742.0595K	Scrubbing brush 5K, Ø 43 cm	✓	
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓	
742.076	Silicium carbide brush	✓	

Art.	Optional	RA435 IBC	RA470 IBC	
435.243	Brush holder	✓		
435.370	Attachment kit transport wheel	✓		
435.410	Water suction set	√	✓	



Brush holder (optional)



Transport wheel for easy transfer (optional)

RA470



Brosse rouleau easy to fit

RA435 / RA470



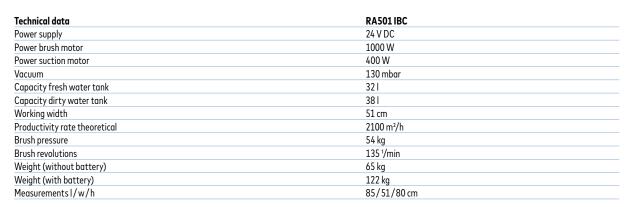
Water suction set with hose and telescopic tube (optional)



Art.: 501.015 integrated charger, without battery, without suction nozzle

RA501 IBC

Very tough scrubbing machine for middle-sized floor space in business and industry. Optimum cleaning results with high brush pressure. With big wheels the machine runs vibration-free and copes well with obstacles. The machine pulls itself forward by using the brush rotation.



Art.	Scope of delivery	RA501 IBC	
730.059	Scrubbing brush PPN 0,6, Ø 51 cm	✓	
Art.	Suction nozzle	RA501 IBC	
Art. 432.559	Suction nozzle Suction nozzle curved, standard	RA501 IBC	

Art.	Special accessories	RA501 IBC	
500.092	Set of 2 gel batteries à 12 V/85 Ah (C5) Eternity	✓	
681.000	Filling up hose for fresh water, 2 m	✓	
681.100	Filling up hose for fresh water, grey, 1.5 m	✓	
435.083	Rubber blade oil and grease resistant (suction nozzle curved)	✓	
435.080LT	Rubber blade standard (suction nozzle curved)	✓	
560.080	Rubber blade oil and grease resistant (suction nozzle straight) 80 cm	✓	
530.080	Rubber blade standard (suction nozzle straight) 80 cm	✓	
730.070	Driving disc Ø 47 cm	✓	
695.087.5	Pad red, Ø 50,8 cm (5 pieces) - more pads see page 53/54	✓	
730.0595K	Scrubbing brush 5K, Ø 51 cm	✓	
730.073	Exposed aggregate pavement brush Ø 51 cm	✓	
730.476	Silicium carbide brush, Ø 51 cm	✓	
436.115	Battery tray for non-maintenance-free batteries	✓	





Large filling hole



Easy brush assembly



Easy emptying



Suction nozzle



Water regulator



Efficient motor protection thanks to float system

Suction nozzle straight 80 cm, oil and grease resistant

501.025



Art.: 555.015 integrated charger, without battery

RA505 IBC

Shapely, robust scrubber dryer, ideal for hard and flexible floors for industries, retail and public environments. Traction occurs via brush rotation, means the machine pushes forward independently. All operational controls are very user friendly – a brush change is carried out in seconds. Ideal for middle sized surfaces.

- Easy handling suction nozzle
- Integrated battery charger
- · Close turning radius
- Traction via brush rotation, means the machine pushes forward self-dependent
- · Silent working





Easy to use



Observation window / large tank opening



Easy to clean



Brush can be fixed



Edge cleaning

Technical data	RA505 IBC
Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Capacity fresh water tank	551
Capacity dirty water tank	561
Vacuum width	88 cm
Working width	51 cm
Productivity rate theoretical	2100 m ² /h
Brush pressure	48 kg
Brush diameter	51 cm
Weight without battery	100 kg
Weight with battery	164 kg
Measurements I/w/h	145/56/113 cm

Art.	Scope of delivery	RA505 IBC
565.565A	Suction nozzle curved	✓
730.059	Scrubbing brush PPN 0,6, Ø 51 cm	✓

Art.	Special accessories	RA505 IBC	
530.092	Set of 2 gel batteries à 12 V/105 Ah (C5) Eternity	✓	
681.004	Filling up hose for fresh water, 1,6 m	✓	
681.100	Filling up hose for fresh water, grey, 1,5 m	✓	
555.083	Rubber blade oil and grease resistant	✓	
555.080LT	Rubber blade standard	✓	
555.070	Driving disc Ø 47 cm	✓	
695.087.5	Pad red, Ø 50,8 cm (5 pieces) - more pads see page 53/54	✓	
730.0595K	Scrubbing brush 5K Ø 51 cm	✓	
730.073	Exposed aggregate pavement brush Ø 51 cm	✓	
730.476	Silicium carbide brush, Ø 51 cm	✓	



Art.:

555.055

integrated battery charger and forward and backwards traction, without chemical dosing system, without battery

Art.: 555.010

integrated battery charger and forward and backwards traction, with chemical dosing system, without battery $\,$

RA505 IBCT

Shapely, robust scrubber dryer, ideal for hard and flexible floors for industries, retail and public institutions. Forward / backwards working possible. The RA505 IBCT has a automatic traction, as well as environmentally friendly chemical dosing with the Cleanfix-Dosing-System (optional), ensures a high user friendliness. Ideal for middle sizes surfaces.

- · Easy handling suction nozzle
- Easy understandable display
- High cleaning power
- Integrated battery charger
- Forward and backwards traction
- Automatic water dosing, depends on speed
- Chemical saving with Cleanfix dosing system (optional)





Clearly laid out control panel



Optional: chemical dosing



Floater with filter



Retainer for 5 liter



Optional filling hose

Technical data	RA 505 IBCT
Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Capacity fresh water tank	551
Capacity dirty water tank	561
Vacuum width	88 cm
Working width	51 cm
Productivity rate theoretical	2100 m²/h
Brush pressure	48 kg
Brush diameter	51 cm
Weight without battery	114 kg
Weight with battery	178 kg
Measurements I/w/h	145/56/113 cm

Art.	Scope of delivery	RA505 IBCT (555.055)	RA505 IBCT (555.010)
565.565A	Suction nozzle curved	✓	✓
730.059	Scrubbing brush PPN 0,6, Ø 51 cm	✓	✓
565.430	Chemical dosing system		✓
565.535	Canister 5 l empty		✓

Art.	Special accessories	RA505 IBCT (555.055)	RA505 IBCT (555.010)
530.092	Set of 2 gel batteries à 12 V/105 Ah (C5) Eternity	✓	✓
681.004	Filling up hose for fresh water, 1,6 m	✓	✓
681.100	Filling up hose for fresh water, grey, 1,5 m	✓	✓
565.535	Canister 5 I empty	✓	
565.262	Special wheel Supergrip	✓	✓
555.083	Rubber blade oil and grease resistant	✓	✓
555.080LT	Rubber blade standard	✓	✓
555.070	Driving disc Ø 47 cm	✓	✓
695.087.5	Pad red, Ø 50,8 cm (5 pieces) - more pads see page 53/54	✓	✓
730.0595K	Scrubbing brush 5K, Ø 51 cm	✓	✓
730.073	Exposed aggregate pavement brush, Ø 51 cm	✓	✓
730.476	Silicium carbide brush, Ø 51 cm	✓	✓



Art.:

565.055

integrated battery charger and forward and backwards traction, without chemical dosing system, without battery

Art.: 565.010

integrated battery charger and forward and backwards traction, with chemical dosing system, without battery



· Easy handling suction nozzle

- Easy understandable display
- High cleaning power
- Integrated battery charger
- Forward and backwards traction
- · Automatic water dosing, depends on speed
- Chemical saving with Cleanfix dosing system (optional)



Easy to use



Large tank opening



Clearly laid out control panel



Optional: chemical dosing



Floater with filte



Retainer for 5 liter canister

traction, as well as environmentally friendly chemical dosing with the Cleanfix-Dosing-System (optional), ensures a high user friendliness. Ideal for bigger surfaces.

Shapely, robust scrubber dryer, ideal for hard and flexible

floors for industries, retail and public environments. Two

contra-redating brushes for streak-free cleaning. Automatic

Technical data	RA605-2
Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Capacity fresh water tank	551
Capacity dirty water tank	561
Vacuum width	88 cm
Working width	62 cm
Productivity rate theoretical	2500 m²/h
Brush pressure	57 kg
Weight without battery	113 kg
Weight with battery	190 kg
Measurements I / w / h	138/64/113 cm

Art.	Scope of delivery	RA605-2 (565.055)	RA605-2 (565.010)
565.565A	Suction nozzle curved	✓	✓
565.059	Scrubbing brush, Ø 31 cm (2 pieces needed)	✓	✓
565.430	Chemical dosing system		✓
565.535	Canister 5 l empty		✓

Art.	Special accessories	RA605-2 (565.055)	RA605-2 (565.010)
530.092	Set of 2 gel batteries à 12 V/105 Ah (C5) Eternity	✓	✓
681.004	Filling up hose for fresh water, 1,6 m	✓	✓
681.100	Filling up hose for fresh water, grey, 1,5 m	✓	✓
565.535	Canister 5 I empty	✓	
565.262	Special wheel Supergrip	✓	✓
555.083	Rubber blade oil and grease resistant	✓	✓
555.080LT	Rubber blade, standard	✓	✓
565.070	Driving disc (2 pieces needed)	✓	✓
693.052.5	Pad red, Ø 30,5 cm (5 pieces) - more pads see page 53/54	✓	✓
565.0595K	Scrubbing brush 5K, Ø 30,5 cm (2 pieces needed)	✓	✓
565.073	Exposed aggregate pavement brush, Ø 31 cm (2 pieces needed)	✓	✓
565.074	Exposed aggregate pavement brush, fine Ø 31 cm (2 pieces needed)	✓	✓
565.076	Silicium carbide brush, Ø 31 cm (2 pieces needed)	✓	✓



Art.: 702.000

integrated charger, without battery



Control panel

RA705 IBC

With a dirt tank of 106 liters, the machine cleans large / largest areas and achieves the best cleaning performance on any type of hard floor. Suitable for painted, tiled and all concrete floors. You will achieve perfect cleaning results in your workshops, warehouses, logistics and shopping centers, hospitals and many other places.

- Simple control panel & ergonomic design
- Brush & drive plate replacement are easy to handle
- Extremely quiet at 67 dB
- Non-slip & chemical resistant wheels (special accessories)



Filling opening fresh water tank

Technical data	RA705 IBC
Power supply	24 V DC
Power brush motor	500 W
Power suction motor	640 W
Brush revolutions	200 ¹ /min
Capacity fresh water tank	901
Capacity dirty water tank	1061
Vacuum width	115 cm
Working width	70 cm
Productivity rate theoretical	2950 m²/h
Running time	tot 5 h
Brush pressure	20-54 kg
Weight with battery	350 kg
Measurements I/w/h	139/56/110 cm
Noise level	67 dBA



Dirty water tank with coarse dirt filter



Battery compartment



Charger



Suction nozzle curved



Double brush head

Art.	Scope of delivery	RA705 IBC	
-	Suction nozzle curved	✓	
702.059	Scrubbing brush (2 pieces needed)	✓	
702.070	Driving disc for pad Ø 35.6 cm	√	

Art.	Special accessories	RA705 IBC	
701.092	4 Gel batteries of 6 V /180 Ah	✓	
681.004	Filling up hose for fresh water, 1,6 m	✓	
681.100	Filling up hose for fresh water, grey, 1,5 m	✓	
702.042	Special wheel Supergrip green	✓	
702.081	Rubber blade oil and grease resistant	✓	
702.080LT	Rubber blade, standard	✓	
710.902.5	Pad red, Ø 35,6 cm (5 pieces) - more pads see page 53/54	✓	

errors and omissions excepted



RIDE-ON SCRUBBER DRYER



Art.: 566.000

integrated charger, with batteries

RA565 IBC

- Compact and very maneuverable for narrow working areas, fits into any passenger elevator.
- $\bullet \ \, \text{High productivity: 6 km/h, 65 I tank capacity and up to 4 h operating time better than any walk-behind model.}$
- Simple operation, intuitive display integrated in the steering wheel.
- Brush ejection and pick-up at the touch of a button.
- Ideal for daily cleaning, low-noise suction motor with Eco function (55 dBA).
- · Robust, chemical-resistant polypropylene tanks.
- Ergonomic access to the seat from both sides. Sitting position with comfortable pedal stop.



Steering wheel with integrated display



Lever for suction nozzle & brush and water regulation

Technical data	RA565 IBC
Power batteries	150 Ah (C5)
Power brush motor	24 V / 550 W
Power suction motor	24 V / 400 W
Power drive motor	24 V / 300 W
Capacity fresh water tank	651
Capacity dirty water tank	751
Suction width	80 cm
Working width	56 cm
Productivity rate theoretical	3500 m ² /h
Brush diameter	Ø 56 cm
Measurements I/w/h	126x50x105 cm
Operation time max	4 h
Grade level max.	8%
Weight without battery	115 kg

Power batteries	150 Ah (C5)
Power brush motor	24 V / 550 W
Power suction motor	24 V / 400 W
Power drive motor	24 V / 300 W
Capacity fresh water tank	651
Capacity dirty water tank	751
Suction width	80 cm
Working width	56 cm
Productivity rate theoretical	3500 m ² /h
Brush diameter	Ø 56 cm
Measurements I/w/h	126x50x105 cm
Operation time max	4 h
Grade level max.	8%
Weight without battery	115 kg



Machine open with batteries



Integrated charger



Fresh water drain hose with level indicator and opening for fresh water filler hose



Large filling opening, e.g. for buckets

Art.	Scope of delivery	RA565 IBC	
566.091	2 batteries gel 12 V/150 Ah (C5)	✓	
566.070	Plateau d'entraînement Ø 56 cm pour pads	✓	
566.059	Brosse, Ø 56 cm	✓	
_	Suceur concave	✓	

Art.	Special accessories	RA565 IBC
681.000	Tuyau de remplissage eau propre, 2 m	✓
566.048	Set lamelles résistant à l'huile et graisse	✓
566.040	Set lamelles rouge, standard	✓
566.902.5	Pad red, Ø 56 cm (5 pieces) - more pads see page 53/54	✓



Discharge hose for dirty water



Dirty water tank, easy to clean



Slim design, fits into any passenger elevator

RIDE-ON SCRUBBER DRYER



Art.:

800.015

without chemical dosing system, without battery and charger

Art.: 800.020

with chemical dosing system, without battery and charger

RA805

Our RA805 shows its power where we ask for maneuverability and speed. The RA805 drives through doors with a width of 80 cm, has a good turning circle and is 50% faster than a walk behind scrubber. Due to the four wheels, a drive in the back, the machine is comfortable low to get on. The construction of the machine is very stable and robust.

- 4 wheels for better weight distribution
- Small turning circle due to almost 90°-wheel angle
- · Speed-dependent water dosing
- Cleaning up to max. 15% incline/decline
- Spot/Eco mode

RA805
2150 W
110 mbar
1301
135
105 cm
76 cm
6400 m²/h
2 x 38 cm
210 cm
172/72/132 cm
ca. 4 h
295 kg
480 kg



Machine open showing the batteries



2 suction motors for maximum suction



Narrow turning radius



Scale for fresh water tank



Easy recharge of batteries

Art.	Scope of delivery	RA805 (800.015)	RA805 (800.020)
800.059	Scrubbing brush, Ø 38 cm (2 pieces needed)	✓	✓
800.550	Suction nozzle curved	✓	✓
_	Chemical dosing system		✓
565.535	Canister 5 I empty		✓

Art.	Special accessories	RA805 (800.015)	RA805 (800.020)
800.092	4 Gel batteries à 6 V / 240 Ah	✓	✓
686.800	Gel battery charger for Dryfit 24 V / 35 A	✓	✓
565.535	Canister 5 I empty	✓	
681.000	Filling up hose for fresh water, 2 m	✓	✓
800.640	Filter for raw parts	✓	✓
800.562	Fender wheel	✓	✓
800.081	Rubber blade, oil resistant	✓	✓
800.090	Rubber blade, oil resistant transparent	✓	✓
800.080LT	Rubber blade, standard	✓	✓
800.070	Driving disc (2 pieces needed)	✓	✓
800.902.5	Pad red, Ø 38,1 cm (5 pieces) - more pads see page 53/54	✓	✓
800.573	Exposed aggregate pavement brush (2 pieces needed)	✓	✓
800.476	Silicium carbide brush (2 pieces needed)	✓	✓
800.910	Water suction set	✓	✓

RIDE-ON SCRUBBER DRYER



Art.:

910.015

without chemical dosing system, without battery and charger

Art.: 910.020

with chemical dosing system, without battery and charger

RA905

Our RA905 shows its power where we ask for maneuverability and speed. The machine is comfortable low to get on. The construction is very stable and robust. Safety is guaranteed due to the for wheels and a drive in the back. A 130 liter water capacity will offer the right quantity of water used for the cleaning task to be done.

- 4 wheels for better weight distribution
- Small turning circle due to almost 90°-wheel angle
- Speed-dependent water dosing
- Cleaning up to max. 15% incline/decline
- Spot/Eco mode

Technical data	RA905
Total power	2150 W
Vacuum	110 mbar
Capacity fresh water tank	1301
Capacity dirty water tank	135
Vacuum width	105 cm
Working width	86 cm
Productivity rate theoretical	7200 m²/h
Brush diameter	2 x 43 cm
Turning circle	210 cm
Measurements I / w / h	172/90/132 cm
Operation time max.	ca. 4 h
Weight without battery	313 kg
Weight with battery	500 kg



Swiveling brush head allows cleaning close to the edge



Solid protection system



Panel: Simple and functional



2 suction motors for maximum suction

Easy recharge of batteries

Art.	Scope of delivery	RA905 (910.015)	RA905 (910.020)
910.059	Scrubbing brush, Ø 43 cm (2 pieces needed)	✓	✓
800.550	Suction nozzle curved	✓	✓
-	Chemical dosing system		✓
565.535	Canister 5 l empty		✓

Art.	Special accessories	RA905 (910.015)	RA905 (910.020)
800.092	4 Gel batteries à 6 V / 240 Ah	✓	✓
686.800	Gel battery charger for Dryfit 24 V / 35 A	✓	✓
565.535	Canister 5 I empty	✓	
681.000	Filling up hose for fresh water, 2 m	✓	✓
800.640	Filter for raw parts	✓	✓
800.562	Fender wheel	✓	✓
800.081	Rubber blade, oil and grease resistant	✓	✓
800.090	Rubber blade, oil and grease resistant, transparent	✓	✓
800.080LT	Rubber blade, standard	✓	✓
910.072	Rubber blade brush head, oil and grease resistant	✓	✓
910.080LT	Rubber blade brush head, standard	✓	✓
910.070	Driving disc (2 pieces needed)	✓	✓
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	✓
910.573	Exposed aggregate pavement brush (2 pieces needed)	✓	✓
910.476	Silicium carbide brush (2 pieces needed)	✓	✓
800.910	Water suction set	✓	✓

errors and omissions excepted



SCRUBBER DRYER ROBOTS







Art.: 705.000

RA660 Navi M

RA660 Navi XL

The RA660 Navi M/XL can be deployed where cleanness and hygiene really matter, and it has to be cleaned cost-effectively. Equipped with a unique patented navigation system, three cleaning brushes (or pads) and a suction unit, RA660 Navi M/XL scrubs and vacuums independently and highly efficiently whenever you want.

- Optimized cleaning processes
- Maximum cleanness and hygiene
- Reduction of cleaning costs by up to 70 %

For more information see cleanfix-robotics.com



Clear and userfriendly display

Technical data	RA660 Navi M	RA660 Navi XL
Working width brushes	66 cm	66 cm
Working width suction nozzle	85 cm	85 cm
Running time, up to	4 h	tot 4 h
Battery type / capacity	Lithium / 120 Ah	Lithium / 120 Ah
Cleaning speed	0.6 m/s	0.6 m/s
Capacity fresh water tank	45 l	110
Capacity dirty water tank	45 I	110
Weight with battery	260 kg	313 kg
Measurements I/w/h	960 x 850 x 900 mm	1110 x 850 x 1185 mm



Clear and userfriendly display



Start Screen



e tank	<u> </u>
	, , , , , , , , , , , , , , , , , , ,
min's	-

Disc brush

Art.	Scope of delivery	RA660 Navi M	RA660 Navi XL
705.059	Set of disc brushes (3 pieces)	✓	✓
705.080LT	Rubber blade standard	✓	✓
707.052	High Power battery charger 24 V /3.2 kW	✓	✓
707.050	1 Lithium battery 24 V / 120 Ah	✓	✓
705.610	Super grip wheel	✓	✓
705.230	Membran tank compl.	✓	
707.150	Membran tank compl.		✓
705.220	Canister 2,5 l	✓	
565.535	Canister 5 I		✓



Mission control



Pad red, driving disc

	-	
	cleanfix	
,		

Option: Color customized

Art.	Special accessories	RA660 Navi M	RA660 Navi XL
705.070	Driving disc (set of 3 pieces)	✓	✓
705.075	Joystick with cable	✓	
705.081	Rubber blade oil and grease resistant	✓	✓
705.913	Pad red, Ø 23 cm (3 pieces needed) more pads see page 53/54	✓	~
705.058	Scrubbing brush nylon soft (set of 3 pcs.)	✓	
705.059 5K	Disc brushes 5K (set of 3 pcs.)	✓	
705.061	Pre-sweep brush	✓	✓
705.450	Set with 1 spot, blue light	✓	✓
705.611	Special wheel Antigliss, green (2 pieces needed)	✓	✓
565.262	Special wheel Supergrip (2 pieces needed)	✓	✓
707.089	Silent Kit (reduced volume)	✓	✓
705.251	Emptying hose 2 m	✓	✓
705.294	Laptop holder	✓	✓
705.900A	Reflective strips 20cm	✓	✓



Built for autonomous cleaning. Robots can clean in up to 1.2m narrow aisles and change direction on the spot.



Docking station for autonomous 24/7 cleaning





Scrubby

The Scrubby machine cleans effectively. It offers you easy and comfortable cleaning in all kinds of difficult places like stairs, walls and narrow areas without the annoying presence of electric cables. With improved battery technology and quick charger.



FloorMac

This extremely handy, only 33 cm wide single-disc machine was developed especially for small areas, as well as stairs. Whether cleaning or polishing, whether parquet or stone floors, you will achieve the best results. In addition, a water tank facilitates the dosage during cleaning work.

Oscillating drive

The cleaning brush or the cleaning pad and its drive plate are mounted eccentrically and are moved at 1450 oscillations per minute. These movements lead to unique cleaning results.



Cylinder brush



Battery transformer with cable 230 V



Also reaches dirt



Edge cleaning

Technical data	Scrubby	FloorMac
Total power		290 W / 230 V
Brush speed / Oscillation speed	350 ¹/min	1450 ¹/min
Working width	18 cm	33 cm
Working height		25 cm
Cable length		7,5 m
Battery charging time	55 min	
Running time	0,5 h	
Telescopic stick length	110 – 137 cm	
Weight	5 kg (met batterij)	13 kg
Pad holder	14,5 cm	
Vibration strength handle		$< 2,5 \text{ m/s}^2$
Noise level		63,5 dBA

Scope of delivery	Scrubby	FloorMac	
Floor cleaner, 1 liter		✓	
Parquet polish, 0.5 liter		✓	
Battery Met Hybrid 9.0 V grey	✓		
Quick-charger for 9.0 V battery	✓		
Driving disc		✓	
Scrubbing brush, Ø 18 cm	✓		
Pad holder fix, Ø 14,5 cm	✓		
Micro fibre pad, Ø 33 cm		✓	
Polishing pad white, Ø 33 cm (1 piece)		✓	
	Floor cleaner, 1 liter Parquet polish, 0.5 liter Battery Met Hybrid 9.0 V grey Quick-charger for 9.0 V battery Driving disc Scrubbing brush, Ø 18 cm Pad holder fix, Ø 14,5 cm Micro fibre pad, Ø 33 cm	Floor cleaner, 1 liter Parquet polish, 0.5 liter Battery Met Hybrid 9.0 V grey Quick-charger for 9.0 V battery Driving disc Scrubbing brush, Ø 18 cm Pad holder fix, Ø 14,5 cm Micro fibre pad, Ø 33 cm	Floor cleaner, 1 liter Parquet polish, 0.5 liter Battery Met Hybrid 9.0 V grey Quick-charger for 9.0 V battery Driving disc Scrubbing brush, Ø 18 cm Pad holder fix, Ø 14,5 cm Micro fibre pad, Ø 33 cm



Ideal for parquet



Oscillating drive



Brush ring

Art.	Special accessories	Scrubby	FloorMac	
715.015	Battery-Transformer with cable, 230 V	✓		
300.010.10	Pad red, Ø 16,5 cm (10 pcs.) - more pads see page 53/54	✓		
715.032	Cylindrical brush 15 cm	✓		
715.031	Silicium carbide brush, 18 cm	✓		
715.033	Shampoo brush, 18 cm NY 0.50	✓		
718.902.5	Cleaning pad red, Ø 33 cm (5 pieces) - more pads see p. 53/54		✓	
718.059	Brush ring		✓	



PowerDisc LS

The standard machine, suitable for basic and maintenance cleaning. Very quiet operation, thanks to belt drive. Optional additional weight available.



Art.: 741.000 Picture with solution tank, 14 l (accessories)

R44-180

The professional choice for heavy duty scrubbing, spray cleaning and stripping of hard floors. Well balanced, easy to use and fatigue-free operation. Its Poly-V-Belt-Drive gives exceptionally low noise levels. The solid aluminum construction provides durability and extended life.

Technical data	PowerDiscLS	R44-180
Total power	1200 W/230 V	1200 W/230 V
Brush revolutions	155 ¹/min	180 ¹/min
Working width	44 cm	44 cm
Working height	37 cm	33 cm
Cable length	12,5 m	12,5 m
Weight brush included	30 kg	34 kg
Vibration strength handle	< 2,5 m/s²	< 2,5 m/s ²
Protection class	I/IPX4	I/IPX4
Torque	68 Nm	65 Nm
Noise level	55 dBA	58 dBA

Total power	1200 W / 230 V	1200 W / 230 V
Brush revolutions	155 ¹/min	180 ¹/min
Working width	44 cm	44 cm
Working height	37 cm	33 cm
Cable length	12,5 m	12,5 m
Weight brush included	30 kg	34 kg
Vibration strength handle	< 2,5 m/s²	< 2,5 m/s ²
Protection class	I/IPX4	I/IPX4
Torque	68 Nm	65 Nm
Noise level	55 dBA	58 dBA

Art.	Special accessories	PowerDiscLS	R44-180	
719.000	Solution tank, 14 l	✓	✓	
726.067	Inside weight 2 kg (2 pieces needed)	✓		
741.650	Vacuum ring, Ø 44,0 cm	✓	✓	
742.070	Driving disc, Ø 39 cm	✓	✓	
742.070A	Driving disc, Ø 39 cm with bristles	✓	✓	
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	✓	
742.059	Scrubbing brush PPN 0,6, Ø 43 cm	✓	✓	
742.0595K	Scrubbing brush 5K, Ø 43 cm	✓	✓	
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓	✓	
742.074	Shampooing brush PPN 0.3	✓	✓	
742.076	Silicium carbide brush	✓	✓	
Z481Z	Steel wool ring for crystallization		✓	
742.078	Additional weight, 8 kg, incl. screws		✓	



R44-180: Carpet cleaning



Fully adjustable telescopic handle



Exposed aggregate pavement brush



Steel wool ring



Art.: 790.000

Duo Speed

Duo-Speed single disc machine that handles stripping or scrubbing as well as high speed spray cleaning or polishing. Two adjustable brush-speeds (190 or 380 rpm) for efficient and cost-effective maintenance of virtually all floors.

Technical data	Duo Speed
Total power	1200-1500 W /230 V
Brush revolutions	190/380¹/min
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight brush included	39 kg
Vibration strength handle	< 2,5 m/s ²
Protection class	I/IPX4
Torque	65/40 Nm
Noise level	65 dBA



Main Switch



Additional weights



Driving disc High-Speed duo



Art.	Special accessories	Duo Speed	
719.000	Solution tank, 14 l	✓	
741.650	Vacuum ring, Ø 44 cm	✓	
780.920	Vacuum unit AS 05	✓	
752.900	Spraymaster, 1 liter	✓	
742.070	Driving disc, Ø 39 cm	✓	
742.070A	Driving disc, Ø 39 cm with bristles	✓	
752.070	Driving disc High-Speed with rubber element	✓	
752.070A	Driving disc High-Speed with protection ring	✓	
790.070A	Driving disc High-Speed, Duo	✓	
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	
742.059	Scrubbing brush PPN 0,6, Ø 43 cm	✓	
742.0595K	Scrubbing brush 5K, Ø 43 cm	✓	
742.072	Polishing brush (Mexican Fiber)	✓	
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓	
742.074	Shampooing brush PPN 0.3	✓	
742.076	Silicium carbide brush	✓	
742.078	Additional weight, 8 kg, incl. screws	✓	



PowerDisc HS

Art.

741.650

780.920

752.900

752.070

752.070A

790.070A

694.322.5

694.326

742.072

742.078

Caring and polishing with PowerDisc HS – HS stands for high speed. At 410 RPM, the machine puts the sparkle back in many places – not just the laminated / wood floor, but the mood of the janitor too. The Power Disc HS is ideally suited to spray cleaning too. This method is advisable for stains and worn care dressings.

Special accessories

Vacuum unit AS 05

Spraymaster, 1 liter

Vacuum ring, Ø 44,0 cm

Driving disc High-Speed

Pad High-Speed (natural fiber)

Polishing brush (Mexican fiber) Additional weight, 8 kg, incl. screws

Driving disc High-Speed with protection ring

Driving disc High-Speed with rubber element

Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54



R44-450 High-Speed

High speed machine, effective, efficient, quiet and with no vibrations. For the maintenance cleaning with cleaning emulsion and super pad for high-gloss polishing. The balance is excellent and the solid aluminum construction provides durability and extended lifetime.

R44-450

Technical data	PowerDisc HS	R44-450
Total power	1200 W/230 V	1500 W/230 V
Brush revolutions	410 ¹/min	450 ¹/min
Working width	44 cm	44 cm
Working height	37 cm	33 cm
Cable length	12,5 m	12,5 m
Weight incl. driving disc	30 kg	39 kg
Protection class	I/IPXO	I/IPXO
Torque	29 Nm	26 Nm
Vibration strength handle	<2,5 m/s ²	<2,5 m/s ²
Noise level	55 dBA	62 dBA

PowerDisc HS





Polishing brush Mexican Fibre



Driving disc High Speed



Driving disc High Speed, Duo



Pad





The PowerDisc HD is designed for the toughest demands. HD stands for $\,$ heavy duty. It makes no difference if the job is sanding laminated/wood floors, wet scrubbing of hard floors or crystallizing marble: you get a first-class result with the removable 9.8 kg standard weight. In addition, another two weights of 4 kg each can be fitted. Power pure and simple. To transport, simply remove the standard weight.



R44-120

This special single disc machine with a six-pole magnetic motor and a strengthened torsion, does a brilliant job in renovate wooden floors and is perfect to crystallize natural stone floors.



Easy fitting of the sanding plate



Easy mounting of the solution tank



To transport, simply remove the standard weight



Driving disc Quadro



Piece for suction unit



Wood grinding disc

Technical data PowerDisc HD R44-120 Total power 1200 W / 230 V 1600 W / 230 V 120 ¹/min Brush revolutions 160 ¹/min Working width 44 cm 44 cm Working height 37 cm 33 cm

Cable length	12,5 m	12,5 m
Weight brush included	43 kg (51 kg met Extra gewichten)	39 kg
Vibration strength handle	< 2,5 m/s ²	< 2,5 m/s ²
Protection class	I/IPX4	I/IPX4
Torque	68 Nm	102 Nm
Noise level	55 dBA	58 dBA

Art.	Scope of delivery	PowerDisc HD	R44-120	
726.067	Inside weight 2 kg (2 pieces needed)	✓		
724 / 10	Majabt with holder complete 0.0 kg	/		

Art.	Special accessories	PowerDisc HD	R44-120
639.731	Sanding paper corn 60	✓	✓
639.732	Sanding paper corn 80	✓	✓
639.733	Sanding paper corn 100	✓	✓
639.734	Sanding paper corn 120	✓	✓
639.737	Sanding net corn 60	✓	✓
639.738	Sanding net corn 80	✓	✓
639.739	Sanding net corn 100	✓	✓
639.741	Sanding net corn 150	✓	✓
719.000	Solution tank, 14 l	✓	✓
780.920	Vacuum unit AS 05		✓
741.650	Vacuum ring, Ø 44,0 cm	✓	
747.650	Vacuum skirt		✓
742.069	Driving disc for grinding		✓
742.070	Driving disc, Ø 39 cm	✓	✓
742.070A	Driving disc, Ø 39 cm with bristles	✓	✓
694.322.5	Pad red, Ø 43 cm (5 pieces) - more pads see page 53/54	✓	✓
742.059	Scrubbing brush PPN 0,6, Ø 43 cm	✓	✓
742.073	Exposed aggregate pavement brush, Ø 43 cm	✓	✓
742.074	Shampooing brush PPN 0,3 *	✓	✓
742.076	Silicium carbide brush	✓	✓
Z481Z	Steel wool ring for crystallization		✓
742.068	Grinding disc for wood	✓	✓
742.080	Grinding plate Quadro		✓
742.088	Sanding paper corn 100, Ø 15 cm, to grinding plate Quadro		✓
742.088A	Sanding paper corn 40, Ø 15 cm, to grinding plate Quadro		✓
726.415	Set of 2 additional weights (8 kg), incl. screws	✓	
3611478	Additional weight, 5,7 kg		✓

^{*} Only for use without weights

errors and omissions excepted



Art.: 750.001

Picture with special accessories weights and solution tank



Art.: 750.000

Picture with special accessories weights and solution tank

E44 Excenter

E50x35 Excenter



Lift the wheels off the ground to leave



Turn the handle upside down to get max. weight on the ground



Brush head set up for optimal storage



Weights easily adaptable (special accessories)



Fully adjustable telescopic handle



Locking with detent pins (special accessories)

With the weight of 66 kg for E44 Excenter / 69 kg for E50x35 Excenter (incl. additional weight) as well as 2720 ¹/min you have the perfect cleaning result for almost all floors (concrete - and natural stone, PVC, tile, safety floors as well as parquet). You can not only (deep) clean, sanding but also peel coatings. The square design makes them perfectly fit into any corner.

Our patented handle adjustment as well as the large transport wheels for easy transportation are great advantages. Also useful are the two detents (750.586 kit detent pins) on the body that allow you to either lift the wheels off the ground to leave no running marks or turn the handle completely upside down to get maximum weight on the ground. By adding additional weights in pieces, you can perfectly adapt the machine weight to your application. Simply set up the brush head and you can easily change the pads or store the machine.



Art.	Scope of delivery	E44 Excenter	E50x35 Excenter
-	Pad red, Ø 43 cm (5 pieces)	✓	
-	Pad red 350x500 (5 pieces)		✓

Art.	Special accessories	E44 Excenter	E50x35 Excenter
750.595	Additional weight 26 kg	✓	
750.596	Additional weight 25 kg		✓
750.586	Kit detent pins	✓	✓
719.000	Solution tank 14l	✓	✓
747.650	Splash guard	✓	
694.322.5	Pad red, Ø 43 cm (5 Stk.) - more pads see page 53/54 ✓		
750.585.5	Pad red 350x500 (5 Stk.) - more pads see page 53/54		✓
750.610	Sanding net 35x50 cm grid 60		✓
750.611	Sanding net 35x50 cm grid 80		✓
750.612	Sanding net 35x50 cm grid 100 ✓		✓
750.613	Sanding net 35x50 cm grid 150		✓



Lift the wheels off the ground to leave no running marks



Turn the handle upside down to get max. weight on the ground



Brush head set up for optimal storage



Weights easily adaptable (special accessories)



Fully adjustable telescopic handle



Locking with detent pins Special accessories

VACUUM UNIT



Art.: 782.000

Art.: 780.920

R53-1100/Ultra High-Speed

Super-fast – forward and backwards – the Cleanfix ultra-high speed machine surfs over the floor. Optimum pressure for quality floors, ideal for polishing and spray-cleaning. With integrated pad holder and dust ring.

AS05

Vacuum unit for the vacuuming of residue from polishing and sanding.

Suitable to	
R44-120	
R53-1100	
R44-450	
PowerDisc HS	
Dun Speed	

Technical data	R53-1100	AS05
Total power1	1320 W/230 V	650 W / 230 V
Vacuum		250 mbar
Volume dustbag		4,5
Brush revolutions	1100 ¹/min	145 rpm
Working width	53 cm	43 cm
Working height	15/35 cm	24 cm
Cable length	20 m	12.5 m
Weight incl. driving disc	46 kg	39 kg
Protection class	I/IPXO	I/IPX4
Torque	12 Nm	44 Nm
Noise level	67 dBA	57 dBA



Guide wheel with brush pressure adjusting screw



Machine with inte- grated driving disc





Vacuum unit mounted

 Art.
 Scope of delivery
 R53-1100
 AS05

 Paper dustbag (1 piece)
 ✓

Art.	Special accessories	R53-1100	AS05	
025.431	Fleece dustbag (5 pieces)		✓	
025.435	Textile dustbag		✓	
695.086	Pad High-Speed, Ø 50,8 cm (natural fibre)	✓		
752.900	Spraymaster, 1 liter	✓		
782.650	Vacuum ring, Ø 53,0 cm	✓		
780.920	Vacuum unit AS 05	√		



SWEEPING / VACUUM SWEEPING MACHINES



Art.: 077.500

HS770



Easy emptying of the dirt tank

Compact manual sweeper for medium sized surfaces in the home and in the business for inside and outdoor areas. Unlimited use on all floors. It can be easily operated without noise or emission. The hand strap can be turned over for ergonomic adjustment. Side and main brooms are adjustable.

Robust construction for long life.

HS770 CAS

The sweeper is equipped with battery-powered side brushes that have a 4-stage speed control and can be flexibly adapted to various cleaning requirements. Both the side brushes and the roller brush can be adjusted individually. White LED lighting on the drive path ensures good visibility and safety in low light conditions. Particularly practical: the device is also ready for use without battery power, which guarantees maximum flexibility.



Adjusting screw for side brush



Adjusting screw for main brush



Handle ergonomic adjustable



Special accessories stick holder and gripper



Optimal transport of the dirt due to dustpan principle

Technical data	HS770	HS770 CAS
Productivity rate theoretical		3600 m2/h
Dirt container volume	321	40
Working width with side brush	77 cm	77 cm
Side brush	adjustable	adjustable
Roller brush	adjustable	adjustable
Battery technology		Li-lon
Maximum running time		5 h (10 Ah)
Battery charging time		10.0 Ah: 93 min / 5.5 Ah: 43 min
Weight	18 kg	16 kg / 17 kg with battery
Measurements I/w/h	96 / 80 / 101 cm (with handle)	100 / 78.5 / 105 cm (with handle)

Art.	Scope of delivery	HS770	HS770 CAS	
077.269	Main brush roller	✓		
077.740	Side brush	✓		
_	Main brush roller		✓	
_	Side hrush		./	

Art.	Special accessories	HS770	HS770 CAS	
905.011B	Gripper 90 cm	✓	✓	
803.502	Stick holder	✓	✓	
025.510	CAS battery 5.5 Ah (1 pcs)		✓	
025.511	CAS battery 10 Ah (1 pcs)		✓	
025.516	CAS charger		✓	
025.513	CAS charger duo		✓	



Turbo sweeping system



Low dust formation thanks to intelligent air routing



Thanks to guide roller, sweeping close to the edge is possible



With additional fine dirt sweeper roller



Patented system, sweeps forwards and backwards optimally

SWEEPING / VACUUM SWEEPING MACHINES



Art.: 065.000 without battery

KS650 IBC

Whether inside or out, the hand-guided vacuum sweeper KS650 IBC removes dirt and dust from all hard floors. It can also clean carpets with the carpet set. The machine is very maneuverable, easy to push thanks to its traction drive and highly efficient with a cleaning speed of 5 km/h. The overhead projection principle ensures that the dirt container is filled optimally. Because the KS650 IBC is battery-operated and fitted with an on-board charger it gives off no harmful emissions.

Technical data	KS650 IBC	
Total power	750 W / 12 V	
Dirt container volume	351	
Dirt container weight	25 kg	
Filter area	$1,5 \mathrm{m}^2$	
Working width	71 cm	
Traction drive	infinitely variable	
Productivity rate theoretical with side brush	3525 m²/h	
Productivity rate theoretical without side brush	2525 m²/h	
Sweeping speed	5,0 km/h	
Battery charging time	12 h	
Weight	122 kg (with battery)	
Measurements I/w/h	110 / 71 / 72 cm	



Easy removal of dirt container



Battery and on-board charger display including excessive discharge protection



Lever for raising/ lowering side brush

Art.	Scope of delivery	KS650 IBC
065.142	Discharge signal indicator	✓
065.171	Main brush roller	✓
065.193	Side brush for indoor use	✓
065.199	On-board charger 12V/9A	✓

Art.	Special accessories	KS650 IBC	
066.092	Gel battery 12 V / 85 Ah (C5)	✓	
065.190	Side brush for outdoor use	✓	
065.010	Carpet set: deflector wheel, fibrous sieve, fender guide rail, bail complete, micro switch with cable, various screw nuts and cable binder	✓	

RIDE-ON VACUUM SWEEPING MACHINES







Clear and convenient operating console

operating console

Large hopper



Easy to change the



The filters can be changed without tools



The inside of the



Adjustable ergonomic seat



Side brush standard



Main brush

KS1100B

KS1100 B HD

This compact and robust ride-on vacuum sweeper is made for medium and large areas, especially indoor. The machine represents simplicity and robustness in its most sophisticated form. It is small enough to fit into an elevator and is maneuverable enough to reach the tight corners. The large filter, a large flap and the climbing rate over 20% are other strong points of the KS1100 B.

Technical data	KS1100 B/KS110 BHD	
Working width with side brushes / without side brushes	116 / 70 cm	
Side brush diameter	44 cm	
Sweeping principle	overthrow	
Hopper	601	
Filter material	Polyester	
Filter area	3,9 m ²	
Filter cleaning	electrical filter shaker	
Turning circle	230 cm	
Motor power supply battery	24V 180Ah	
Measurements I/w/h	1550 / 1000 /1220 mm	
Weight without battery	240 kg	
Speed	0 – 7,2 km/h	
Running hours	4,5 h	
Productivity rate theoretical	approx. 8000 m²/h	
Battery charging time	12 h	
Side brushes	2	
Climbing rate max.	20%	

Art.	Scope of delivery	KS1100 B/KS110 BHD
080.059	Side brush standard, ø47,5 cm, with bristle PP 0.8, 3 rows (2 pieces needed)	✓
080.222	Filter complete polyester	✓
080.501	Main brush roller standard, 70 cm, with bristle PP 0.9	✓

Special accessories	KS1100 B/KS110 BHD
Reflector Kit	✓
4 Gel batteries à 4 x 6 V/180 Ah (incl. connection cable)	✓
Gel battery charger 24 V / 25 A	✓
Outside use only	
Side brush, ø47,5 cm, with bristle PP 0.8 + steel 0.8, 3 rows	✓
Main brush roller, 70 cm, with bristles PP 0.9 + steel 0.9	✓
Inside use only	
Side brush, ø47,5 cm, with bristles Tampico, 3 rows	✓
Main brush roller, 70 cm, with bristles Tampico	✓
In- and outside use	
Side brush standard, ø47,5 cm, with bristles PP 0.8, 3 rows (2 pieces needed)	✓
Main brush roller, 70 cm, with bristles PP 0.9, double bristled	✓
	Reflector Kit 4 Gel batteries à 4 x 6 V / 180 Ah (incl. connection cable) Gel battery charger 24 V / 25 A Outside use only Side brush, ø47,5 cm, with bristle PP 0.8 + steel 0.8, 3 rows Main brush roller, 70 cm, with bristles PP 0.9 + steel 0.9 Inside use only Side brush, ø47,5 cm, with bristles Tampico, 3 rows Main brush roller, 70 cm, with bristles Tampico In- and outside use Side brush standard, ø47,5 cm, with bristles PP 0.8, 3 rows (2 pieces needed)

errors and omissions excepted

PADS





Pads Standard

Diameter	165 mm 6.5"	200 mm 8"	230 mm 9"	305 mm 12"	330 mm 13"	356 mm 14"	381 mm 15"	432 mm 17"	508 mm 20"	560 mm 22"	350x500 mm
Standard Pad, white	·										
Article no.	300.040.10	405.905.5	705.963.5	693.051.5	718.901.5		800.906.5	694.321.5	695.090.5		750.590.5
Packaging [piece]	10	5	5	5	5		5	5	5		5
Standard Pad, red											
Article no.	300.010.10	405.901.5	705.913.5	693.052.5	718.902.5	710.902.5	800.902.5	694.322.5	695.087.5	566.902.5	750.585.5
Packaging [piece]	10	5	5	5	5	5	5	5	5	5	5
Standard Pad, blue											
Article no.	300.025.10	405.902.5	705.914.5	693.053.5	718.900.5	710.903.5	800.903.5	694.323.5	695.088.5	566.903.5	750.587.5
Packaging [piece]	10	5	5	5	5	5	5	5	5	5	5
Standard Pad, green											
Article no.		405.903.5			718.899.5			694.336.5			750.588.5
Packaging [piece]		5			5			5			5
Standard Pad, brown											
Article no.	300.020.10			693.054.5		710.904.5	800.904.5	694.324.5	695.089.5	566.904.5	
Packaging [piece]	10			5		5	5	5	5	5	
Standard Pad, black											
Article no.			705.962.5	693.055.5		710.905.5		694.325.5	695.093.5	566.905.5	750.594.5
Packaging [piece]			5	5		5		5	5	5	5

Pad lambswool

Diameter	230 mm ¹⁾ 9"
Lambswool	
Article no.	705.968
Packaging [piece]	1

PADS











Pads Bright'n Water / Melamine / Microfiber

Diameter	165 mm 6.5"	230 mm ¹⁾ 9"	305 mm 12"	330 mm 13"	356 mm 14"	370 mm 14.5"	381 mm 15"	406 mm 16"	432 mm 17"	508 mm 20"
Bright'n Water Pad, green									,	
Article no.		705.960	693.056						694.334	695.092
Packaging [piece]		1	1						1	1
Bright'n Water Pad, yellow										
Article no.		705.961							694.333	
Packaging [piece]		1							1	
Bright'n Water Pad, red										
Article no.									694.331	
Packaging [piece]									1	
Bright'n Water Pad, white										
Article no.									694.332	
Packaging [piece]									1	
Bright'n Water Pad, blue										
Article no.									694.335	
Packaging [piece]									1	
Melamine Pad										
Article no.				693.306.5		693.700.5		694.067.5	694.329.5	695.085.5
Packaging [piece]				5		5		5	5	5
Microfiber Pad										
Article no.	300.030		693.057 ²⁾	718.906 ³⁾			800.907		694.327	695.091
Packaging [piece]	1		1	1			1		1	1

Pads High-Speed / Queen-Bonnet

Diameter	165 mm 6.5"	230 mm 9"	305 mm 12"	330 mm 13"	356 mm 14"	370 mm 14.5"	381 mm 15"	406 mm 16"	432 mm 17"	508 mm 20"
High-Speed Pad (natural fiber)										
Article no.									694.326	695.086
Packaging [piece]									1	1
Queen-Bonnet Pad (carpet pad)										
Article no.				718.905					694.328 ⁴⁾	
Packaging [piece]				1					1	

 $^{^{1\!\! 3}}$ 3 pieces are required for the scrubber dryer robots RA660 Navi M and XL

Further pads on request

²⁾ without hole white/blue

³⁾ without hole

 $^{^{4)}\,}$ Use only without weight. Use only with driving disc, Ø 39 cm bristled (742.070A).



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