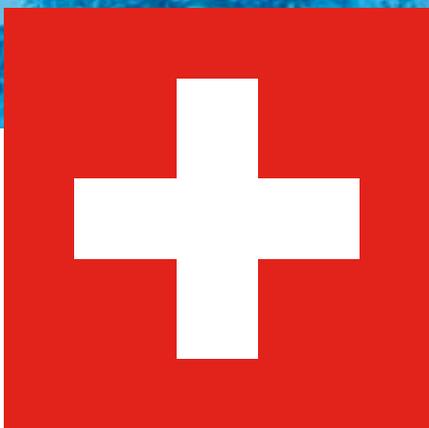


Clean thanks to

**quality**



**Product overview**

## Locations

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# www.cleanfix.com

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# Overview

## Dry vacuum cleaners Wet and dry vacuum cleaners

Robust, powerful and manoeuvrable at a low noise level, these vacuum cleaners help to clean household and industries.

- 1 **S 10** see page 7
- 2 **S 10 plus / S 10 plus HEPA** see page 8
- 3 **S 20** see page 9
- 4 **SW 20** see page 10
- 5 **SW 21 Combi / SW 21 Aqua** see page 10 / 11
- 6 **SW 25 with tipping trolley** see page 11
- 7 **SW 60** see page 12



## Steam vacuum cleaner Special vacuum cleaner

- 8 **DS 8** see page 13
- 9 **BS 360** see page 14
- 10 **RS 05 Backpackcleaner** see page 14



## Spray-extractions machines

The mild cleaning process for a high cleanliness, thanks to Cleanfix spray-extraction machines you dissolve also persistent dirt with water pressure and absorb it.

- 1 **TW 411 / TW 412** see page 16
- 2 **TW 300 S** see page 17
- 3 **TW 600** see page 17
- 4 **TW 1250** see page 18
- 5 **TW Compact** see page 18
- 6 **Carpet and floor dryer Hurrigan** see page 17



## Robotic

It is the latest automatic cleaning technology combined with user friendliness and reasonable economic benefit.

- 1 **Robo 40s** see page 33
- 2 **RA 660 Navi** see page 34



## Scrubby dryers

High performance and low water consumption, distinguish the durable and compact scrubber dryers.

- 1 RA 300 E see page 20
- 2 RA 330 IBC see page 20
- 3 RA 410 E see page 21
- 4 RA 431 E/RA 431 B/RA 431 IBC see page 22
- 5 RA 433 IBC see page 23
- 6 RA 501 E/RA 501 B/RA 501 IBC see page 24
- 7 RA 505 IBC see page 25
- 8 RA 505 IBCT see page 26
- 9 RA 605 IBCT see page 27
- 10 RA 535 IBCT see page 28
- 11 RA 800 see page 30
- 12 RA 900 see page 31



## Single disc machines

Ergonomy, versatility, as well as the high standard components and the wide range of accessories, do make the single disc machines to a well seen and indistructable allrounder.

- 1 Scrubby see page 36
- 2 FloorMac see page 36
- 3 PowerDisc LS see page 37
- 4 R 44-180 see page 37
- 5 Duo Speed see page 38
- 6 Duo Speed Spray see page 38
- 7 R44-450 High-Speed see page 39
- 8 PowerDisc HS see page 39
- 9 PowerDisc HD see page 40
- 10 R44-120 see page 40
- 11 R53-1100 Ultra High-Speed see page 41



## Sweepers

- 1 HS 770 see page 43
- 2 KS 650 IBC see page 43
- 3 KS 1100 B see page 44
- 4 KS 1100 B HD see page 45





**Dry, wet and dry vacuum cleaners**  
**Page 7–15**

# Silent and powerful



## S 10

Practical compact design with powerful vacuum performance. The S 10 is quiet, robust and very user friendly. The S 10 is manufactured using materials that are 100% recyclable.

Art. 022.000



### Technical data:

Total power	1100 W / 230 V
Vacuum	250 mbar
Volume dustbag	6 liters
Volume tank	9 liters
Castors	5
Cable length	7,5 m
Weight	7 kg
Measurements l/w/h	40 / 40 / 40 cm

- + very stable
- + extremely rentable
- + top quality

### Complete incl.:

012.567	Hose compl. 2,2 m
645.002	Metallic tube (2 pieces need)
645.103	Combi nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
022.300	Dustbag basket with filter Cod. complete
–	Dustbag (1 piece)

### Special accessories:

022.430	Dustbag (1 packet with 5 pieces)
645.005	Dropery brush
645.009	Rubber crevice tool long
646.200	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, small 16 cm
022.015	Telescope vacuuming tube
022.320	Filter cloth
022.435A	Textil Dustbag
646.710	Hard floor tool, 36 cm
022.431	Fleece bag (5 pcs)



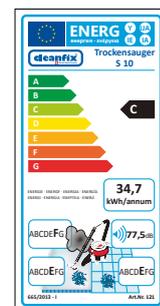
S 10 Large dust filter



Robust plug-in suction hose



Big dust bag



## S 10 plus

A small, quiet, agile and powerful performer with five castors. Instead of technical gimmicks the user benefits from a high standard, durable, quality product that ensures positive performance. An extremely user-friendly model with ergonomic and multifunctional handle.

Art. 022.010



### Technical data:

Total power	1100 W / 230 V
Vacuum	250 mbar
Volume dustbag	6 liters
Volume tank	9 liters
Castors	5
Cable length	10 m
Weight	7 kg
Measurements l/w/h	40 / 40 / 49 cm

+ ergonomic

### Complete incl.:

012.567	Hose complete, 2,2 m
645.002	Tube metallic (2 pieces needed)
645.103	Combi nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
022.300	Dustbag basket
-	Dustbag (1 piece)

### Special accessories:

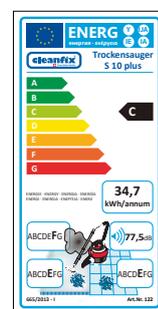
022.430	Dustbag (1 packet with 5 pieces)
645.005	Dropery brush
645.009	Rubber crevice tool long
646.200	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, small 16 cm
022.015	Telescope vacuuming tube
022.320	Filter cloth
022.435 A	Textil Dustbag
022.431	Fleece bag (1 packet with 5 pieces)
012.411	Sliding clamp



Big dust bag



5 castors for stability and manoeuvrability



## S 10 plus HEPA

Same equipment as S 10 plus, but with Hepa filter cartridge, special seals and dust bag.

Art. 022.012



### Technical data:

Total power	1100 W / 230 V
Vacuum	250 mbar
Volume dustbag	6 liters
Volume tank	9 liters
Castors	5
Cable length	10 m
Weight	7 kg
Measurements l/w/h	40 / 40 / 49 cm

+ Hepa-Filtration  
+ 99,997 Filtrations-performance

### Complete incl.:

012.567	Hose compl. 2,2 m
645.002	Tube metallic (2 pieces needed)
645.103	Combi nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
022.450	Hepa filter cartridge
-	Dustbag (1 piece)

### Special accessories:

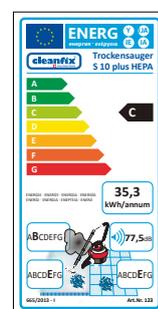
645.005	Dropery brush
645.009	Rubber crevice tool long
646.200	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, small 16 cm
022.015	Telescope vacuuming tube
012.411	Sliding clamp
022.433	Dustbag (1 packet with 5 pieces)



Ergonomic and multifunction handle S10 plus Hepa-Filter



S10 plus Hepa-Filter



## S 20

Powerful practical and strong vacuum cleaner for exacting demands. High mobility thanks to low weight and 5 castors.

Art. 020.000



### Technical data:

Total power	1100 W / 230 V
Vacuum	200 mbar
Volume dustbag	10 liters
Volume tank	14,5 liters
Castors	5
Noise level	65 dBA
Cable length	10 m
Weight incl. accessories	10 kg
Measurements l/w/h	38/38/59 cm

**+** large vacuum

### Complete incl.:

020.567	Hose, 3 m, compl.
645.002	Metallic tube (2 pieces needed)
645.103	Combi nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
20122519	Dustbag basket
–	Dustbag (1 piece)

### Special accessories:

645.005	Dropery brush
646.200	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, small 16 cm
022.015	Telescope vacuuming tube
020.320	Filter cloth
645.009	Rubber crevice tool long
646.710	Hard floor tool, 36 cm
020.430	Dustbag (1 packet with 10 pieces)



S 20 Robust plug-in suction hose



varied accessories



5 castors for stability and manoeuvrability



big dust filter

# The powerful compact class

## SW 20

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.

Art. 021.000



### Technical data:

Total power max.	1100 W / 230 V
Water pillar	2000 mm
Volume dustbag	10 Liter
Usable water volume	9 Liter
Castors	5
Cable length	10 m
Gewicht	10 kg
Measurements l / w / h	38 / 38 / 59 cm

### Complete incl.:

020.567	Hose 3 m, compl.
645.002A	Inox tubes (2 pieces needed)
2012421	Float insert compl.
646.300	Water suction nozzle, 37 cm
645.103	Carpet nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
20122519	Dustbag basket
	Fleece bag (1 piece)

### Special accessories:

020.430	Fleece bag (10 pieces)
645.005	Dropery brush
646.200	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, 16 cm
020.320	Filter cloth



New filter system with sensational separation even with foamy liquids



Simple mounting and dismantling of suction hose

## SW 21 Combi

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

Art. 014.000



### Technical data:

Total power	1100 W / 230V
Vacuum	210 mbar
Volume dustbag	16,5 liters
Usable water volume	24 liters
Castors	4
Cable length	10 m
Weight incl. accessories	12,7 kg
Measurements (l / w / h)	42 / 42 / 65 cm

### Complete incl.:

020.567	Hose, 3 m, compl.
022.015A	Telescope vacuuming tube inox
646.200	Hard floor tool, 30 cm
645.004	Upholstery nozzle
645.006	Rubber crevice tool
20122519	Dustbag basket
646.100	Water suction nozzle, 30 cm
014.600	Float insert compl.
-	1 fleece bag (16,5 l)

### Special accessories:

020.430	Dustbag (1 packet with 10 pieces)
687011290	Paper filter (1 packet with 10 pieces)
645.005	Dropery brush
646.710	Hard floor tool, 30 cm
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, small 16 cm
020.320	Filter cloth
646.300	Water suction nozzle, 37 cm
645.103	Carpet nozzle
645.009	Rubber crevice tool long
014.430	Fleece bags (1 packet with 5 pieces)



SW21 Combi  
Wet and dry tools



Simple dismantling and cleaning



Large wheels provide maximum manoeuvrability and ease of use



Simple mounting and dismantling of suction hose

## SW 21 Aqua

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.

Art. 014.010



### Technical data:

Total power	1100 W / 230V
Vacuum	210 mbar
Useable water volume	24 liters
Castors	4
Cable length	10 m
Weight incl. accessories	13,3 kg
Measurements (l/w/h)	42/42/65 cm

### Complete incl.:

014.567	Set of 2 Inox tubes bent, Ø 38 mm
014.569	Vacuum hose, 4 m, Ø 38 mm
646.310	Hard floor nozzle, 36 cm
014.600	Float insert compl.



New filter system with sensational separation even with foamy liquids



SW21 Aqua wet tools and inox tubes

## SW 25 K with tipping trolley

With its high suction capacity the SW 25 K copes professionally and reliably with industrial surfaces. The tipping frame simplifies emptying of the dirty water and transport up and down steps.

Art. 023.000



### Technical data:

Total power	1100 W / 230 V
Vacuum	210 mbar
Volume tank	20 liters
Cable length	10 m
Weight	12,3 kg
Measurements l/w/h	60/40/84 cm

### Complete incl.:

2012428	Tip trolley compl.
020.567	Hose, 3 m, compl.
645.002A	Tube metallic (2 pieces needed)
021.601	Float insert compl.
646.300	Water suction nozzle, 37 cm
645.103	Carpet nozzle
645.004	Upholstery nozzle
645.006	Rubber crevice tool
645.005	Dropery brush
20122519	Dustbag basket complete
-	Dustbag

### Special accessories:

020.430	Dustbag (1 packet with 10 pieces)
014.430	Fleece bags (1 packet with 5 pieces)
026.950	Nylon dustbag for wet vacuuming
646.200	Hard floor tool, 30 cm
646.710	Hard floor nozzle with brush strip, 36 cm
2012225	Large area filter
687011290	Paper filter (1 packet with 10 pieces)
2012250	Water suction nozzle with fixed bracket, Ø 38 mm
687011656	Material basket
020.320	Filter cloth
645.009	Rubber crevice tool long

- + inox vessel
- + tip-mechanism to empty the water

### SW 25 K



Resistent stainless container



Polyester filter improve filtration



Hardfloor-and water suction tool



Mountable squeeze attachment



Practical carrying basket

# For demanding duties

## SW 60

Triple engined wet and dry vacuum cleaner 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.

Art. 013.001



### Technical data:

Total power max	3 x 1200 W / 230 V
Vacuum	205 mbar
Volume tank	56 liters
Working width	42 cm
Cable length	10 m
Weight	28 kg
Measurements l/w/h	61/52/92 cm
Motor	3

### Complete incl.:

013.100	Vacuum hose, 3 m
013.101	One tube metallic (2 pieces needed)
013.102	Hard floor tool, 41 cm
013.103	Water suction nozzle, 42 cm
013.104	Carpet nozzle
013.105	Crevice tool
013.106	Brush nozzle
–	Dustbag

### Special accessories:

013.108	Dustbag
---------	---------



Motor head



SW 60 accessories

- + 3 suction motors 1200 W
- + extremely robust

# The steaming power pack

## DS 8

With a maximum performance and enormous capacity, the DS 8 steam vacuum unit is distinguished above all by its application in the commercial sector. The simple principle of steaming and extraction in one operation ensures first-class cleaning results.

DS8 / 230V 15A	Art. 036.000
DS8 / 230V 10A	Art. 036.005
DS8 / 400V 10A	Art. 036.010

### Technical data DS 8/230 V/15 A:

Total power	3500 W
Vacuum	210 mbar
Fresh / dirty water capacity	6,5 / 11 liters
Pump pressure max.	4 bar
Temperature protector	4 times
Voltage control	9 V
Cable length	7,5 m
Weight	21 kg
Measurements l/w/h	53/36/61 cm
Heating power	2500 W

### Technical data DS 8/400 V/10 A:

Total power	6000 W
Vacuum	210 mbar
Fresh / dirty water capacity	6,5 / 11 liters
Pump pressure max.	4 bar
Temperature protector	4 times
Voltage control	9 V
Cable length	7,5 m
Weight	21 kg
Measurements l/w/h	53/36/61 cm
Heating power	5000 W

### Technical data DS 8/230 V/10A:

Total power	2800 W
Vacuum	210 mbar
Fresh / dirty water capacity	6,5 / 11 liter
Pump pressure max.	4 bar
Temperature protector	4 times
Voltage control	9 V
Cable length	7,5 m
Weight	21 kg
Measurements l/w/h	53/36/61 cm
Heating power	1800 W



### Complete incl.:

036.275	Push bar upper part
036.276	Push bar lower part
036.410	Vacuum and steam hose, 3 m, with tool handle
028.031	Refil bottle, 2 liters
028.600	Floor tool complete
036.800	Vacuum and steam tube complete
036.277	Material basket

### Special accessories:

028.910	Wall nozzle, 14 cm
028.930	Extension tube
028.650	Wall and ceiling nozzle
028.700	Jet nozzle
028.710	Shortend crevice tool
028.970	Long and bent jet nozzle
028.040	Round brush small, 25 mm
028.041	Round brush small (set of 3)
036.400	Set of accessories:
028.600	Floor tool complete
036.410	Vacuum and steam hose, 3m, with tool handle
036.800	Vacuum and steam tube complete
036.420	Vacuum and steam hose, 5m, with tool handle



Tool handle



Floor tool complete



Shortened crevice tool



Jet nozzle



Wall and ceiling nozzle



Long and bent jet nozzle



Very helpful in the kitchen

- + optimum sanitising
- + steam and dry in one operation

# Efficient cleanliness thanks brushing

## BS 360 Upright vacuum cleaner

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.

Art. 366.000



**Technical data BS 360:**

Total power	1300 W
Vacuum	230 mbar
Working width	36 cm
Brush revolutions	4250 1/min
Cable length	10 m
Weight	9 kg
Measurements l/w/h	27/37/126 cm

**Complete incl.:**

–	Complete suction tube
–	Rubber crevice tool

**Special accessories:**

355.001	Dustbag (1 packet with 10 pieces)
350.002	Textil dustbag
355.121	Brush stripes (BS 360)

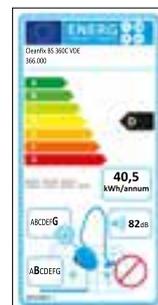
- + carpet cleaning
- + high performance



Roller brush with 4 height settings



BS 360



## The portable

## RS 05 Backpack cleaner

The new user-friendly RS 05 Backpack has been designed and developed with the user in mind, setting new standards of comfort and usability.

Art. 025.000



**Technical data:**

Total power	1100 W / 230 V
Vacuum	250 mbar
Volume filter	4,5 liters
Cable length	15 m
Weight	4,8 kg
Measurements l/w/h	28/29/57 cm

**Complete incl.:**

025.150	Adjustable carrying frame
025.050	Suction hose compl. 1,5 m
645.002	One metallic tube (2 pieces needed)
645.004	Upholstery nozzle
645.006	Rubber crevice tool
646.200	Hard floor tools, 30 cm
–	Dustbag

**Special accessories:**

P375	Cable assembly discharge
022.015	Telescope vacuum tube
645.005	Dropery brush
646.710	Hard floor nozzles with brush strip., 36 cm
025.221	Exhaust air filter mat
025.435	Textil dustbag
646.520	Turbo brush with air drive, 28 cm
646.600	Turbo brush with air drive, 16 cm
645.009	Rubber crevice tool long
025.430	Dustbag (5 pieces)
025.431	Fleece bag (5 pieces)

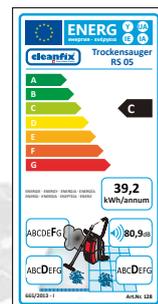
- + ultra ergonomic
- + ideal for staircases



Optimal ergonomic comfortable harness system



Can be adapted for left and right hander





**Spray-extraction machines**  
**Page 16–18**

# Deep cleaning of textile surfaces

## TW 411

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 for results in a fast dried surface, the optional hard floor adapter allows cleaning of stone- or other hard floors.

Art. 043.000



### Technical data:

Max area performance	20 – 25 m <sup>2</sup> / h
Power rating fan	max. 1200 W
Power rating pump	max. 40 W
Vacuum	220 mbar
Tank fresh / dirty water	10,5/9 l
Spray pressure	2,4 bar
Spray rate	1,6 l / min
Air flow rate	54 l / sec
Cable length	7,5 m
Weight	14 kg
Measurements l / w / h	65 / 32,5 / 44 cm

### Complete incl.:

606.000.4	Carpet adapter 1 jet, 23 cm, with plastic handtube
043.560	Spray and suction hose compl. 2,2 m

### Special accessories:

606.000.3	Carpet adapter, 1 jet 23 cm with inox tube
617.000.1	Upholstery tool 8 cm, PVC, transparent, with nozzle inside
618.000	Upholstery tool 9 cm, Alu, with nozzle outside
607.000	Stair tool, 1 jet 23 cm
622.000	Wall and ceiling tool, 9 cm
P600W	Hard floor tool for nozzle 23 cm



Thanks to the optional slide, it's possible to clean even hardfloors



Extremely manageable



Easy to handle / transport



Easy to empty of the detachable dirt water tank

## TW 412

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 TW 411, but with two pumps and two jet carpet adapter for a higher spray quantity.

Art. 044.000



### Technical data:

Max area performance	30 - 40 m <sup>2</sup> / h
Power rating fan	max. 1200 W
Power rating pump	max. 70 W
Vacuum	220 mbar
Tank fresh / dirty water	10,5/9 l
Spray pressure	2,4 bar
Spray rate	2,3 l / min
Air flow rate	54 l / sec
Cable length	7,5 m
Weight	14 kg
Measurements l / w / h	65 / 32,5 / 44 cm

### Complete incl.:

602.000.4	Carpet adapter 2 jet, 26 cm, with inox handtube
043.560	Spray and suction hose compl. 2,2 m

### Special accessories:

606.000.3	Carpet adapter, 1 jet 23 cm with inox tube
P600W	Hard floor tool for nozzle 23 cm
607.000	Stair tool, 1 jet 23 cm
617.000.1	Upholstery tool 8 cm, PVC, transparent, with nozzle inside
618.000	Upholstery tool 9 cm, Alu, with nozzle outside
622.000	Wall and ceiling tool, 9 cm

# Everlasting

## TW 300 S

The little professional spray-extractor TW 300 S is a compact power package on 4 castors. Carpet washing, hard floor cleaning, vacuum cleaning and water pick up in one machine.

Art. 030.000



**Technical data:**

Total power	1000 W / 230V
Vacuum	210 mbar
Fresh / dirty water capacity	7 / 7 liters
Pump pressure max.	2,4 bar
Spray pressure	1,6 l / min
Airflow capacity	54 l / sec
Cable length	7,5 m
Weight	9,5 kg
Measurements l / w / h	40 / 40 / 52 cm

**Complete incl.:**

606.000	Carpet adapter 1 jet, 26 cm, with plastic handtube
P562	Suction hose compl. 3 m
P566B	Spray hose 3,2 m

**Special accessories:**

606.000.1	Carpet adapter, 1 jet 26 cm with inox handtube
606.000.2	Carpet tool, 1 jet 23 cm with plastic handtube
606.000.3	Carpet adapter, 1 jet 23 cm with inox tube
607.000	Stair tool, 1 jet 23 cm
617.000.1	Upholstery tool 8 cm, PVC, transparent, with nozzle inside
618.000	Upholstery tool 9 cm, with nozzle outside
622.000	Wall and ceiling tool 9 cm
646.100	Water suction adapter on castors, 30 cm
P600W	Hard floor tool for nozzle, 23 cm
645.000	Dust set with 7 parts



Easy to absorb water



detachable dirt water tank



TW 350 / TW 600  
Easy to empty of dirt water tank

## TW 600

The extraction machine TW 600 is compact in size and big in performance. Unique membrane tank system gives a massive 28 liters capacity suitable for large areas.

Art. 060.000



**Technical data:**

Total power	1000 W / 230V
Vacuum	210 mbar
Fresh / dirty water capacity	28 / 30 liters
Pump pressure max.	5 bar
Spray pressure	2,5 l / min
Airflow capacity	50 l / sec
Cable length	7,5 m
Weight	21 kg
Measurements l / w / h	53 / 36 / 69 cm

**Complete incl.:**

602.000.1	Carpet adapter 2 jet, 26 cm, with inox handtube
035.561	Spray and suction hose compl. 3 m

**Special accessories:**

602.000	Carpet adapter 2 jet, 26 cm,
606.000.3	Carpet adapter, 1 jet 23 cm, with inox handtube
607.000	Stair tool, 1 jet 23 cm
617.000.1	Upholstery tool 8 cm, PVC, transparent, 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



Easy to handle / transport



TW 600 Maximum capacity thanks to membran tank



Upholstery tool (optional)



Stairs cleaning (optional)



Carpet adapter with hard floor slide

## Special accessories

### Carpet and floor Dryer Hurrigan

Art. 990.000



**Technical data:**

Total power	3-stage 1200 W
Air catalysm	105 m <sup>3</sup> / min
Cable length	7 m
Weight	18,5 kg
Measurements l / w / h	50 / 45 / 48 cm
Ventilation stages	3
Noise level	76 dBA
Quantity of circulating air	6200 m <sup>3</sup> / h

Shortens the time to dry out cleaned areas. A gentle drying due to the catalysm of the air. Due to this room air catalysm no shrinking of any carpets can occur.

# Powerful and multifunctional

## TW 1250

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.

Art. 125.000



**Technical data:**

Total power	1700 W / 230V
Vacuum	250 mbar
Fresh / dirty water capacity	35 / 40 liters
Pump pressure max.	2-11 bar
Spray pressure	3.6 l / min
Airflow capacity	60 l / sec
Cable length	20 m
Weight	39 kg
Measurements l/w/h	82 / 41 / 84 cm

**Complete incl.:**

611.000	Carpet adapter, 4 jet 30 cm, alu high pressure
125.400	Vacuum and spray hose HP (high pressure), 4 m
500.863	Power cable, 20 m, 3 x 1 mm <sup>2</sup>

**Special accessories:**

608.000	Carpet adapter, 5 jet nozzles Alu HP, 40 cm
617.000.1	Upholstery tool 8 cm, PVC, transparent, 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
681.000	Filling up hose for fresh water, 2m



Easy access to the tank



easy to maintain



Stair climbing thanks to big castors



Fully adjustable spray pressure



Spraying and absorbing forward and backward



bottom view



Clearly laid out waterproof control panel

## 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.

Art. 420.000



**Technical data:**

Total power	1600 W / 230V
Vacuum	250 mbar
Fresh / dirty water capacity	35 / 40 liters
Vacuum width	36 cm
Brush width	32 cm
Pump pressure max.	5 bar
Spray pressure	2,6 l / min
Airflow capacity	60 l / sec
Cable length	20 m
Weight	45 kg
Measurements l/w/h	100 / 45 / 93 cm

**Complete incl.:**

420.472	Cylindrical brush, white
400.784	Water bucket, 12 liters
411.750	Fresh water drain hose
500.863	Power cable, 20 m, 3 x 1 mm <sup>2</sup>

**Special accessories:**

420.470	Cylindrical brush black
420.011	Spray and vacuum hose, 5 m, Ø 32 mm
602.000.1	Carpet adapter, 2 jet 26 cm, with inox handtube
617.000.1	Upholstery tool 8 cm, PVC, transparent, with nozzle inside
632.000	Hard floor adapter 37 cm
681.000	Filling up hose for fresh water, 2m



# Compact and agile for small areas

## RA 300 E 2 disc brushes

The ideal compact machine for smaller areas of all types of hard floor. The two disc brushes thoroughly scrub the floor, and the dirty solution is immediately extracted via squeegee system. With adjustable handle.

Art. 300.000



### Technical data:

Total power	1200 W
Vacuum	180 mbar
Fresh water capacity	13 liters
Dirty water capacity	16 liters
Suction width	39 cm
Working width	35 cm
Productivity rate theoretical	1320 m <sup>2</sup> /h
Brush pressure	10 kg
Brush diameter	2 x 17 cm
Cable length	7,5 m
Weight	22 kg
Measurements l/w/h	55/39/46 cm
Squeegee lifter	incl.

### Complete incl.:

320.059	Disc brush Ø 16.5 cm (2 pieces needed)
300.420	Vacuum nozzle complete (2 pieces needed)

### Special accessories:

300.070	Driving disc, Ø 16,5 cm (2 pieces needed)
300.010.10	Pad red, Ø 16,5 cm, 10 pieces
300.025.10	Pad blue, Ø 16,5 cm, 10 pieces
300.020.10	Pad brown, Ø 16,5 cm, 10 pieces
300.030	Micro fibre pad, Ø 16,5 cm, 1 piece
300.0595K	Disc brush, 5K, Ø 17 cm, 1 piece
300.060	Accessories-kit:
380.060	Spray and suction hose, 3 m
606.000.2	Carpet tool, 1 jet 23 cm with plastic handtube
P600W	Hard floor nozzle
681.000	Filling up hose for fresh water, 2 m



RA 300 E:  
Removable tank



Accessory Kit



Fully adjustable telescopic handle



Easy removable squeegees

## RA 330 IBC 2 disc brushes

Machine with one 12 V battery and internal charger and two 12 lt tanks. This autoscrubber is very habil and maneuverable and for this reason perfect for all kind of hard floors in small areas (like cloakrooms). The machine has two scrubbing brushes to ensure real scrubbing efficiency. With a suction nozzle in the front and on the back you can absorb the dirt very well and you can work forward and backwards.

Art. 330.000



### Technical data:

Working width	33 cm
Power suction motor	300 W / 12 V
Power brush motor	150 W
Brush speed	240 rpm
Brush pressure	17 kg
Battery capacity	25 Ah
Autonomie (max.)	0,9 h
Fresh water capacity	12 liters
Dirty water capacity	11 liters
Weight (with battery)	35 kg
Chargin time	8 h
Productivity rate theoretical	1320 m <sup>2</sup> /h
Measurements l/w/h	47/37/55 cm

### Complete incl.:

320.059	Disc brush (2 pieces needed), Ø 16,5 cm
330.091	Battery 12V/33 Ah (19,5 x 13 x 18 cm)
330.092	Battery charger
320.421	Suction nozzle

### Special accessories:

300.070	Driving disc (2 pieces needed), Ø 16,5 cm
300.010.10	Pad red, Ø 16,5 cm, 10 pieces
300.025.10	Pad blue, 16,5cm, 10 pieces
300.020.10	Pad brown, Ø 16,5 cm, 10 pieces
300.030	Micro fibre pad, Ø 16,5 cm, 1 piece
300.0595K	Disc brush, 5K, Ø 16,5 cm, 1 piece
681.000	Filling up hose for fresh water, 2 m



Ideal for narrow corridors



Fully adjustable telescopic handle



Two removable tanks



RA 330 IBC integrated measuring cup

# Powerful and handy

## RA 410 E 1 cylindrical brush

Perfect results on all types of hard floors with the cylindrical brush plus twin retractable squeegees. It scrubs and dries both forward and backwards. With adjustable handle.

Art. 411.000

(while stocks last)

**Technical data:**

Total power	1200 W / 230 V
Vacuum	215 mbar
Fresh water capacity	33 liters
Dirty water capacity	38 liters
Suction width	44 cm
Brush width	33 cm
Productivity rate theoretical	1320 m <sup>2</sup> / h
Brush pressure	12 kg
Working width	33 cm
Weight	38 kg
Cable length	20 m
Measurements l / w / h	97 / 48 / 70 cm
Squeegee lifter	incl.

**Complete incl.:**

400.470	Cylindrical brush standard, 33 cm
400.784	Water bucket, 12 liters
411.750	Fresh water drain hose
400.520	Vacuum nozzle compl., front
400.530	Vacuum nozzle compl., back
500.863	Power cable, 20 m, 3 x 1 mm <sup>2</sup>

**Special accessories:**

681.000	Filling up hose for fresh water, 2m
400.472	Brush hard, 33 cm
420.011	Spray and vacuum hose, 5 m
606.000.2	Carpet tool, 1 jet 23 cm with plastic hand tube
606.000.3	Carpet tool, 1 jet 23 cm with inox tube
P600W	Hard floor nozzle
400.050	Set of lamella compl.



RA 410 E Maximum capacity with membrane tank



Adapter connection for cleaning in narrow places and stairs



Hardfloor tool



Simple clear controls

# Powerful and compact

## RA 431 E

## RA 431 B (Battery)

## RA 431 IBC

(Integrated Battery Charger)

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.

RA 431 E:	Art. 432.000
RA 431 B:	Art. 436.000
RA 431 IBC:	Art. 436.015

### Technical data RA 431 E:

Power supply	~ 230 V / 50 Hz
Power brush motor	1100 W
Power suction motor	750 W
Vacuum	140 mbar
Fresh water capacity	35 liters
Dirty water capacity	40 liters
Suction width	76 cm
Working width	43 cm
Productivity rate theoretical	1750 m <sup>2</sup> / h
Brush pressure	34 kg
Brush speed	180 rpm
Weight	62 kg
Measurements l/w/h	80 / 43 / 73 cm
Cable length	20 m

### Technical data RA 431 B / RA 431 IBC:

Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	110 mbar
Fresh water capacity	32 liters
Dirty water capacity	38 liters
Suction width	76 cm
Productivity rate theoretical	1750 m <sup>2</sup> / h
Working width	43 cm
Brush pressure	47 kg
Brush speed	150 rpm
Weight (without battery)	48 kg
Weight (with battery)	122 kg
Measurements l/w/h	85 / 43 / 80 cm

### Complete incl.:

742.059	Scrubbing brush PPN 0.6, Ø 43 cm
500.863	Power cable, 20 m, 3 x 1 mm <sup>2</sup>

### Accessories RA 431 E:

432.031	Suction nozzle, standard, complete incl. suction hose
432.032	Suction nozzle curved oil and grease resistant

### Accessories RA 431 B / RA 431 IBC:

432.031	Suction nozzle, standard, complete incl. suction hose
432.033	Suction nozzle curved oil and grease resistant

### Accessories:

681.000	Filling up hose for fresh water, 2m
742.070	Driving disc, 180 rpm, Ø 39 cm
742.073	Exposed aggregate pavement brush, Ø 43 cm
742.0595K	Scrubbing brush PPN 0.6 5K, Ø 43 cm
742.076	Silicium Carbid brush
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.327	Micro fibre pad, Ø 43,2 cm
432.551	Rubber blade oil resistant (Suction nozzle curved)
432.552	Rubber blade standard (Suction nozzle curved)
500.091	Set of Gel batteries à 12 V/76 Ah (C5) (330 x 171 x 236 mm)
686.100	Battery charger 24V / 12A VDE



Large filling hole



Easy brush assembly



Easy emptying



Rubber blade set



Water regulator



Motor cut off



# Powerful and compact

## RA 433 IBC (Integrated Battery Charger)

Innovative and robust scrubber dryer for middle sized floors in crafts and industries. Ideal cleaning efficiency due to high brush pressure. The big sized wheels ensure a vibration free drive of the machine. Traction occurs via brush rotation, means the machine pushes forward independently.

Art. 433.015

**Technical data:**

Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	110 mbar
Fresh water capacity	32 liters
Dirty water capacity	38 liters
Suction width	53 cm
Working width	43 cm
Productivity rate theoretical	1750 m <sup>2</sup> / h
Brush pressure	47 kg
Weight without battery	64 kg
Weight with battery	122 kg
Measurements l / w / h	85 / 43 / 80 cm

**Complete incl.:**

742.059	Scrubbing brush PPN 0.6, Ø 43 cm
433.108	Suction nozzle, standard, complete incl. suction hose

**Special accessories:**

681.000	Filling up hose for fresh water, 2m
742.070	Driving disc, 180 rpm, Ø 39 cm
790.070A	Driving disc High-Speed with rubber element
752.070 A	Driving disc, high speed
742.072	Polishing brush Mexican Fibre
742.073	Exposed aggregate pavement brush
742.0595K	Scrubbing brush PPN 0.6 5K, Ø 43 cm
742.076	Silicium Carbid brush
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.326	Pad high speed, Ø 43 cm natural fibres
694.327	Micro fibre pad, Ø 43,2 cm
433.081	Rubber blade oil and frease resistant (Suction nozzle curved)
433.082	Rubber blade standard (Suction nozzle curved)
500.091	Set of Gel batteries à 12 V/76 Ah (C5) (330 x 171 x 236 mm)



On the reverse of the handle is a switch for the two speeds.



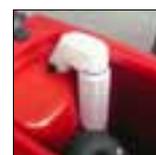
Easy to empty



Rubber blade set



Water volume control



Motor cut off



# Powerful and compact

RA 501 E

RA 501 B (Battery)

RA 501 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 vibrationfree and copes well with obstacles. The machine pulls itself forward by using the brush rotation.

RA 501 E:	Art. 501.000
RA 501 B:	Art. 501.010
RA 501 IBC:	Art. 501.015

#### Technical data RA 501 E:

Power supply	~ 230 V / 50 Hz
Power brush motor	1100 W
Power suction motor	750 W
Vacuum	190 mbar
Fresh water capacity	35 liters
Dirty water capacity	40 liters
Suction width	82 cm
Working width	50 cm
Productivity rate theoretical	2100 m <sup>2</sup> /h
Brush pressure	34 kg
Brush speed	180 rpm
Weight	62 kg
Measurements l/w/h	80/51/73 cm
Cable length	20 m

#### Technical data RA 501 B/RA 501 IBC:

Power supply	24 V DC
Power brush motor	1000 W
Power suction motor	400 W
Vacuum	130 mbar
Fresh water capacity	32 liters
Dirty water capacity	38 liters
Suction width	82 cm
Working width	50 cm
Productivity rate theoretical	2100 m <sup>2</sup> /h
Brush pressure	48 kg
Brush speed	135 rpm
Weight (without battery)	54 kg
Weight (with battery)	122 kg
Measurements l/w/h	85/51/80 cm

#### Complete incl.:

730.059	Scrubbing brush PPN 0,6, Ø 51 cm
500.863	Power cable, 20 m, 3 x 1 mm <sup>2</sup>

#### Accessories RA 501 E:

432.031	Suction nozzle, standard, complete incl. suction hose
432.032	Suction nozzle curved oil and grease resistant

#### Accessories RA 501 B/RA 501 IBC:

432.031	Suction nozzle, standard, compl. incl. suction hose
432.033	Suction nozzle curved oil and grease resistant

#### Special accessories:

681.000	Filling up hose for fresh water, 2 m
730.0595K	Scrubbing brush 5K Ø 51 cm
730.070	Driving disc Ø 47 cm
730.073	Exposed aggregate pavement brush Ø 51 cm
730.476	Silicium Carbid brush
695.087.5	Pad red, Ø 50,8 cm, 5 pieces
695.088.5	Pad blue, Ø 50,8 cm, 5 pieces
695.089.5	Pad brown, Ø 50,8 cm, 5 pieces
432.551	Rubber blade oil resistant (Suction nozzle curved)
432.552	Rubber blade standard (Suction nozzle curved)
500.091	Set of Gel batteries à 12 V/76 Ah (C5) (330 x 171 x 236 mm)
686.100	Battery charger 24V / 12A VDE



Large filling hole



Easy brush assembly



Easy emptying



Rubber blade set



Water regulator



Motor cut off

# Agile and user friendly

## RA 505 IBC (Integrated battery charger)

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.

Art. 555.015

**Technical data:**

Traction via brush rotation, means the machine pushes forward self-dependent.	
Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Fresh water capacity	55 liters
Dirty water capacity	56 liters
Suction width	88 cm
Working width	51 cm
Productivity rate theoretical	2100 m <sup>2</sup> / h
Brush pressure	48 kg
Brush diameter	51 cm
Weight incl. batteries	164 kg
Measurements l/w/h	145/56/113 cm

**Complete incl.:**

730.059	Scrubbing brush Ø 51 cm
555.560	Suction nozzle curved

**Special Accessories:**

681.004	Filling up hose for fresh water 1,6 m
555.070	Driving disc Ø 47 cm
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
695.087.5	Pad red, Ø 50,8 cm, 5 pieces
695.088.5	Pad blue, Ø 50,8 cm, 5 pieces
695.089.5	Pad brown, Ø 50,8 cm, 5 pieces
565.082	Rubber blade standard
565.081	Rubber blade oil resistant
530.091	Set of 2 Gel batteries à 12 V / 105 Ah (C5) (345 x 172 x 283 mm)
565.535	Canister 5 liters empty



- + Easy handling suction nozzle
- + Integrated battery charger
- + Traction via brush rotation
- + close turning radius
- + silent working



Suction unit is very easy to use



The operator can always see inside the tank



Easy to open and to clean



Easy access to the batteries.



The brush can be fixed



Edge cleaning, easy as pie, whether along borders, frames or palettes, the machine adapts to the circumstances

# Agile and clearly

## RA 505 IBCT

(Integrated battery charger and forward and backwards traction)

Shapely, robust scrubber dryer, ideal for hard and flexible floors for industries, retail and public institutions. Forward/backwards working possible. The RA 505 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.

Art. 555.055	without chemical dosing system CADS
Art. 555.010	with chemical dosing system CADS

### Technical data:

Automatic traction via traction motor	
Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Fresh water capacity	55 liters
Dirty water capacity	56 liters
Suction width	88 cm
Working width	51 cm
Productivity rate theoretical	2100 m <sup>2</sup> /h
Brush pressure	48 kg
Brush diameter	51 cm
Weight incl. batteries	178 kg
Measurements l/w/h	145/56/113 cm

### Complete incl.:

730.059	Scrubbing brush, Ø 51 cm
555.560	Suction nozzle curved

### Special accessories:

681.004	Filling up hose for fresh water, 1,6 m
555.070	Driving disc
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
695.087.5	Pad red, Ø 50,8 cm, 5 pieces
695.088.5	Pad blue, Ø 50,8 cm, 5 pieces
695.089.5	Pad brown, Ø 50,8 cm, 5 pieces
565.081	Rubber blade oil resistant
565.082	Rubber blade standard
530.091	Set of 2 Gel batteries à 12 V / 105 Ah (C5) (345 x 172 x 283 mm)
565.535	Canister 5 liters empty
565.267	Tractionwheel (2 pieces needed)



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



Suction unit is very easy to use



The operator can always see inside the tank



Clearly laid out control panel



Chemical dosing easy to set



The floater works at the same time as overflow protection



Retainer for 5 lts. Canister



Optional filling hose is always with the machine. With this, the clean water tank can be filled from every tap.

# Modern and powerful

## RA 605 IBCT

(Integrated battery charger and forward and backwards traction)

Shapely, robust scrubber dryer, ideal for hard and flexible floors for industries, retail and public environments. Two contra-rotating brushes for streak-free cleaning. Automatic traction, as well as environmentally friendly chemical dosing with the Cleanfix-Dosing-System (optional), ensures a high user friendliness. Ideal for bigger surfaces.

Art. 565.055	without chemical dosing system CADS
Art. 565.010	with chemical dosing system CADS

**Technical data:**

Power supply	24 V DC
Power brush motor	750 W
Power suction motor	400 W
Vacuum	130 mbar
Fresh water capacity	55 liters
Dirty water capacity	56 liters
Suction width	88 cm
Working width	60 cm
Productivity rate theoretical	2500 m <sup>2</sup> / h
Brush pressure	55 kg
Brush diameter	2 x 31 cm
Weight incl. batteries	190 kg
Measurements l/w/h	138/64/113 cm

**Complete incl.:**

565.059	Scrubbing brushes, Ø 31 cm (2 pieces needed)
555.560	Suction nozzle curved

**Special accessories:**

681.004	Filling up hose for fresh water, 1,6 m
565.535	Canister 5 liters empty
565.430	Compl. chemical dosing, incl. assembling
565.082	Rubber blade, standard
565.081	Rubber blade oil resistant
565.070	Driving disc (2 pieces needed)
565.073	Exposed aggregate pavement brush, Ø 31 cm (2 pieces needed)
565.074	Exposed aggregate pavement brush, fine (2 pieces needed)
565.076	Silicium Carbide brush, Ø 31 cm
693.052.5	Pad red, Ø 30,5 cm, 5 pieces
693.053.5	Pad blue, Ø 30,5 cm, 5 pieces
693.054.5	Pad brown, Ø 30,5 cm, 5 pieces
530.091	Set of 2 Gel batteries à 12 V / 105 Ah (C5) (345 x 172 x 283 mm)
565.267	Tractionwheel (2 pieces needed)



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



Suction unit is very easy to use



The operator can always see inside the tank



Clearly laid out control panel



Chemical dosing easy to set



The floater works at the same time as overflow protection



Retainer for 5 lts. Canister

# Small and manoeuvrable

## RA 535 IBCT

Including chemical dosing system CADS

Ride comfortably instead of walking along behind – this is what the ride-on scrubber dryer RA 535 IBCT has to offer. The RA 535 IBCT is smaller and more manoeuvrable than expected. Ideal for cleaning hard and rubberized floors of medium-size in industry, commerce and public institutions. With chemical dosing system CADS.

Art. 535.000

incl. integrated battery charger

### Technical data:

Power supply	24 V DC
Power traction motor	400 W
Power brush motor	400 W
Power suction motor	400 W
Working width	53 cm
Suction width	60 cm
Turning radius	150 cm
Vacuum	115 mbar
Fresh water capacity	55 liters
Dirty water capacity	55 liters
Brush speed	175 rpm
Working speed	3-6 km/h
Maximum speed	6 km/h
Productivity rate theoretical	3180 m <sup>2</sup> /h
Autonomie max.	2,3 h
Weight empty	148 kg
Protection class	IPX4
Noise level	64 db (A)
Measurements l/ w/ h	127 x 65 x 113 cm

### Complete incl.:

535.059	Scrubbing brush, Ø 53 cm
535.250	Traction wheel „supergrip“ standard
535.440	Filtre cartridge standard
535.082	Rubber blade standard
535.560	Suction nozzle curved
535.100	Compl. Chemical dosing system

### Special accessories:

535.0595K	5K brush (supermarket mix)
535.073	Exposed aggregate pavement brush
535.070	Driving disc
535.910.5	Pad red, Ø 53 cm, 5 pcs.
535.911.5	Pad blue, Ø 53 cm, 5 pcs.
535.912.5	Pad brown, Ø 53 cm, 5 pcs.
530.091	Set of 2 Gel batteries à 12 V / 105 Ah (C5) (345 x 172 x 283 mm)
535.110	Filling up hose for fresh water
535.081	Rubber blade oil resistant
535.083	Rubber blade linatex (tile floors)
535.450	Hepa filter cartridge
535.130	divider wall dirty water tank



Comfortable seat



Suction base mounted directly behind the brush



Operating panel with charge indicator



Dirty water tank easy to clean



Rear view with fresh- and waste water tank discharge



- + Ergonomically seat
- + Clear operating panel
- + With integrated charger
- + With S-DOSE Speed Variable Dosing, speed-depending provision of cleaning solution
- + Standard with CADS
- + Changing batteries in less than 5 minutes
- + Suction bas beneath the vehicle, cannot get stuck
- + Twice as fast as a walk-behind model
- + Fits into every elevator thanks to narrow passage width



# The ride-on model

## RA 800 sauber

Our RA sauber shows its power where we ask for manoeuvrability and speed. The sauber 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.

Art. 800.000

without chemical dosing system CADS

### Technical data:

Total power	2150 W
Vacuum	160 mbar
Fresh water capacity	130 liters
Dirty water capacity	135 liters
Suction width	105 cm
Working width	76 cm
Productivity rate theoretical	6400 m <sup>2</sup> / h
Brush diameter	2 x 38 cm
Turning circle	210 cm
Weight complt.	560 kg
Measurements l/w/h	172/72/132 cm
Autonomy	approx. 4 h

### Complete incl.:

800.059	Scrubbing brush, Ø 38 cm (2 pieces needed)
800.550	Suction nozzle bent

### Special accessories:

800.070	Pad holder (2 pieces needed)
800.476	Silicium Carbid brush (2 pieces needed)
800.573	Exposed aggregate pavement brush (2 pieces needed)
800.902.5	Pad red, Ø 38,1 cm, 5 pieces
800.903.5	Pad blue, Ø 38,1 cm, 5 pieces
800.904.5	Pad brown, Ø 38,1 cm, 5 pieces
800.640	filter for raw parts
800.081	Rubber blade, oil resistant
800.082	Rubber blade, standard
800.562	Fender wheel
800.091	4 x gel battery Dryfit à 6 V / 240 Ah (312 x 182 x 359 mm)
686.800	Gel battery charger for Dryfit 24 V / 35 A VDE

### Accessories for street legal:

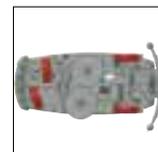
800.925	Kit for street legal, without assembling:
	Warning light yellow
	Breakdown triangle with holder
	Licence tag holder
	Tag speed limit < 10 km / h
	Reflector



Machine open showing the batteries



2 vacuum motors



Narrow turning radius



Scale for fresh water tank



Filter for raw pants



# Maximum performance

## RA 900 sauber

Our RA sauber shows its power where we ask for manoeuvrability 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 liters water capacity will offer the right quantity of water used for the cleaning task to be done.

Art. 910.000	without chemical dosing system CADS
Art. 910.010	with chemical dosing system CADS

### Technical data:

Total power	2150 W
Vacuum	160 mbar
Fresh water capacity	130 liters
Dirty water capacity	135 liters
Suction width	105 cm
Working width	86 cm
Productivity rate theoretical	7200 m <sup>2</sup> / h
Brush diameter	2 x 43 cm
Turning circle	210 cm
Weight compl.	500 kg
Measurements l/w/h	172/90/132 cm
Autonomy	approx. 4 h

### Complete incl.:

910.059	Scrubbing brush, Ø 43 cm (2 pieces needed)
800.550	Suction nozzle bent

### Special accessories:

910.070	Pad holder (2 pieces needed)
910.476	Silicium Carbid brush (2 pieces needed)
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
800.640	filter for raw parts
800.562	Fender wheel
800.081	Rubber blade, oil resistant
800.082	Rubber blade, standard
910.071	Rubber blade brush head, standard
910.072	Rubber blade brush head, oil resistant
910.573	Exposed aggregate pavement brush
800.091	4 x gel battery Dryfit à 6 V / 240 Ah (312 x 182 x 359 mm)
686.800	Gel battery charger for Dryfit 24 V / 35 A VDE

### Accessories for street legal:

800.925	Kit for street legal, without assembling:
	Warning light yellow
	Breakdown triangle with holder
	Licence tag holder
	Tag speed limit < 10 km / h
	Reflector



Swivelling brush head allows borderless cleaning



Solid protection system



Panel: Simple and functional



2 suction motors for maximum suction



Scale for fresh water tank



Easy recharge of batteries



# The Robo automatically finds the track

## Robo 40s

The Robo 40s is equipped with a navigation system and therefore possesses «its own eyes and memory». Now new with automatic suction nozzle.

It drives and cleans the surface in an optimal and efficient way without any manual assistance. 10 minutes start-up time are sufficient to begin cleaning of a triple size gymnasium. This results in a significant time and costs savings compared to cleaning with conventional Scrubber Dryers. By means of daily use the Robo 40s achieves respectable cleaning results.

The innovative battery technology allows reduction of the battery charging time to 5 hours. Consequently the Robo 40s can be operated twice a day. The robo is one of the most developed cleaning systems available today. It is easy to operate and far more economical than a conventional scrubber dryer.



Practical transport- and service trolley



Simple handling



2 cylindrical brushes



Robo40s navigates with ultrasonic and 4 infrared sensors



The sonar enables it to calculate the area to be cleaned and find its pathway.



Art. 700.050



**Technical Data:**

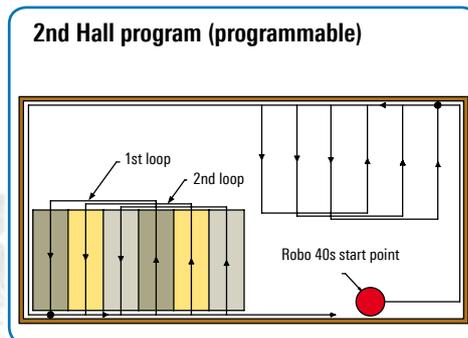
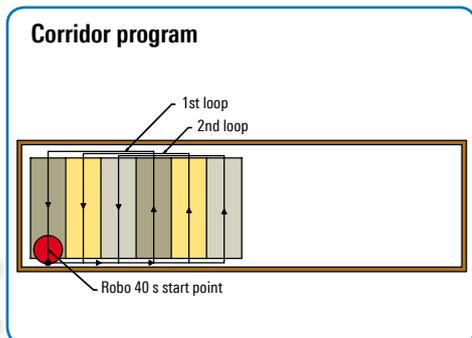
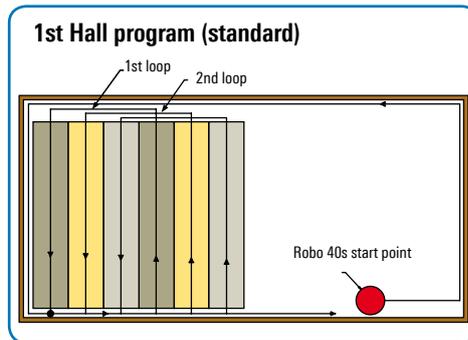
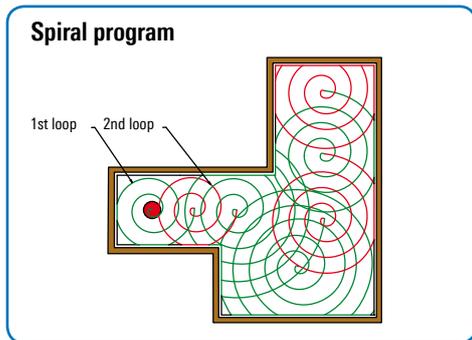
Performance data:	
Nominal performance	400 W
Suction performance	100–200 W
Brush pressure	17 kg
Cleaning speed	0,4 m / sec
Battery charging time	5 h
Max.operation time	6 h
Battery capacity	24 V / 58 Ah
Surface performance upto	1200 m <sup>2</sup>
Curona / navigation system	64 MB Ram
Working width	40 cm
Suction width	50 cm
Fresh water tank	28 liters
Dirty water tank	31 liters
Weight incl. batteries	105 kg

**Complete incl.:**

700.141	One cylindrical brush (2 pieces needed)
700.070	Transport and service trolley
700.090	Chargers
700.091	2 x batteries 12V / 58 Ah XFC (280 x 97 x 256 / 264 mm)

**Special accessories:**

681.000	Filling up hose for fresh water, 2 m
190.070B	Robo Clean Sport, 10 liters
190.071B	Robo Clean Universal, 10 liters
700.905	Barrier (carton) for Robo 40s, 1,5 m wide



# Latest automatic cleaning technology

## RA 660 Navi

The RA 660 Navi 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, RA 660 Navi scrubs and vacuums independently and highly efficiently whenever you want.

Art. 705.000



**Technical data:**

Working width	66 cm
Suction width	79 cm
Maximum running time	up to 2.5 h
Battery capacity	24 V / 115 Ah
Cleaning speed	0.6 m/s
Fresh water tank capacity	45 l
Waste water tank capacity	45 l
Weight, including batteries	260 kg
Measurements l/w/h	925 x 850 x 880 mm

**Complete incl.:**

705.059	Disc brush (Set of 3 pieces)
705.220	Canister 2,5 Liter
705.082	Rubber blade standard
705.091	Set of 2 AGM batteries à 12 V / 96 Ah (C5)
705.090	Battery charger 24 V / 20 A

**Special accessories:**

705.081	Rubber blade oil resistant
705.913	Pad red, Ø 23 cm (3 pieces need)
705.914	Pad blue, Ø 23 cm (3 pieces need)
705.070	Driving disc for pads (Set of 3 pieces)

- + optimised cleaning processes
- + maximum cleanness and hygiene
- + reduction of cleaning costs by up to 70 %



Membrane tank



clear and user-friendly display



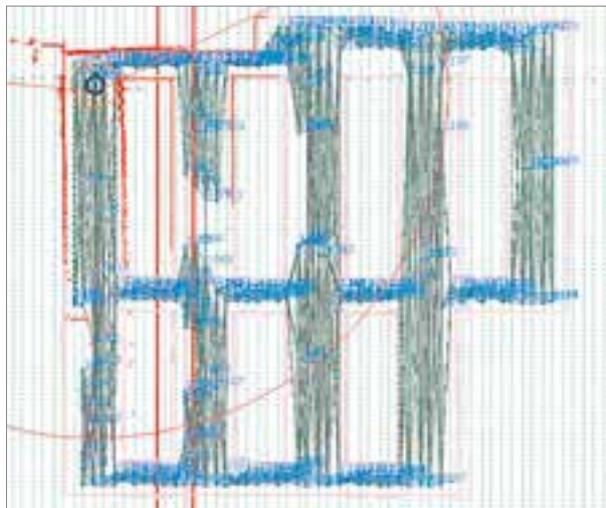
Disc brush



Driving disc



Pad red



Example of warehouses with varying numbers of aisles



**Single disc machines**  
**Page 34–40**

# The small ones

## 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 accu technology and quick charger

Art. 715.100



**Technical data:**

Brush speed	350 rpm
Battery charging time	45 min
Running time	0,5 h
Lenght	110 – 137 cm
Weigth incl. battery	5 kg
Pad holder	14,5 cm
Working width	18 cm

**Complete incl.:**

715.112	Quick-charger for 9.0 V accu
715.110	Akku Met Hybrid 9.0 V grey
715.030	Scrubbing brush, Ø 18 cm
715.057	Pad holder fix, Ø 14,5 cm

**Special accessories:**

715.031	Silicium Carbid brush, 18 cm
300.040.10	Pad white, Ø 16,5 cm, 10 pieces
300.010.10	Pad red, Ø 16,5 cm, 10 pieces
300.025.10	Pad blue, Ø 16,5cm, 10 pieces
300.020.10	Pad brown, Ø 16,5 cm, 10 pieces
300.030	Micro fibre pad, Ø 16,5 cm
715.015	Accu-Transformer with cable, 230 V
715.032	Cylindrical brush 15 cm
715.114	Kid consisting of:
715.110	Akku Met Hybrid 9.0 V grey
715.112	Quick-charger for 9 V accu



Scrubby: Cleaning of hardfloors



Cleaning in corners and crevices



Edge cleaning

## FloorMac

Special machine for the maintenance cleaning of parquet, stone floors and linoleum. The Floor Mac runs very smooth and the antivibration system makes the machine manageable for everyone.

Art. 718.000



**Technical data:**

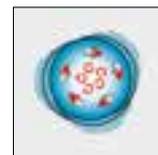
Total power max.	290 W/ 230 V
Working width	33 cm
Working height	25 cm
Cable length	7,5 m
Weigth	13 kg
Oscillation speed	1450 1/min
Vibration strength handle	< 2,5 m/s <sup>2</sup>
Noise level	63,5 dBA

**Complete incl.:**

718.070	Driving disc
–	Polishing pad white, Ø 33 cm (1 piece)
718.906	Micro fibre pad, Ø 33 cm
190.056	Floor cleaner, 1 liter
190.057	Parquet polish, 0.5 liter

**Special accessories:**

718.902.5	Cleaning pad red, Ø 33 cm, 5 pieces
718.901.5	Polishing pad white, Ø 33 cm, 5 pieces
718.059	Scrubbing brush ring
718.905	Bonnet-Pad (carpet cleaning)



FloorMac: oscilating



Ideal for parquet



FloorMac: Scrubbing brush

Picture with special Accessories

## PowerDisc LS

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

Art. 726.000



Leaflet



Picture with special accessoires

**Technical data:**

Total power	1200 W / 230 V
Brush speed	160 rpm
Working width	44 cm
Working height	37 cm
Cable length	12,5 m
Weight incl. brush	30 kg
Vibration strength handle	< 2,5 m/s <sup>2</sup>
Protection class	I/IPX4
Torque	68 Nm
Noise level	55 dBA

**Special accessories:**

742.059	Scrubbing brush PPN 0,6, Ø 43 cm
742.070	Driving disc
742.073	Exposed aggregate pavement brush
742.074	Shampooing brush PPN 0.3
742.076	Silicium Carbid brush
742.070	Driving disc
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.327	Micro fibre pad, Ø 43,2 cm
694.328	Bonnet-Pad (carpet cleaning)
719.000	Solution tank, 14 liters
726.067	Inside weight 2 kg (2 pieces needed)
742.0595K	Scrubbing brush 5K, Ø 43 cm



Exposed aggregate pavement brush



Fully adjustable telescopic handle



Pads

## R 44-180

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 aluminium construction provides durability and extended life.

Art. 741.000



Picture with special accessoires

**Technical data:**

Total power	1200 W / 230 V
Brush speed	180 rpm
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight	34 kg
Noise level	58 dBA

**Special accessories:**

742.059	Scrubbing brush PPN 0,6, Ø 43 cm
742.070	Driving disc
742.073	Exposed aggregate pavement brush
742.074	Shampooing brush PPN 0.3
742.076	Silicium Carbid brush
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.327	Micro fibre pad, Ø 43,2 cm
694.328	Bonnet-Pad (carpet cleaning)
742.078	Additional weight, 8 kg, incl. screws
719.000	Solution tank, 14 liters
Z481Z	Steel wool ring for crystallisation
742.0595K	Scrubbing brush 5K, Ø 43 cm



Carpet cleaning



steel wool ring

# Polishing and spray-cleaning

## 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 1/min) for efficient and cost-effective maintenance of virtually all floors.

Art. 790.000



**Technical data:**

Total Power	1200–1500 W / 230 V
Brush speed	190/380 rpm
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight	39 kg
Vibration strength handle	< 2,5 m/s <sup>2</sup>
Torque	65/40 Nm
Protection class	I/IPX4
Noise level	65 dBA

**Special accessories:**

742.059	Scrubbing brush PPN 0,6, Ø 43 cm
742.070	Driving disc
742.073	Exposed aggregate pavement brush
742.074	Shampooing brush PPN 0.3
742.076	Silicium Carbid brush
742.072	Polishing brush (Mexican Fiber)
790.070A	Driving disc High-Speed with rubber element
752.070	Driving disc 380 rpm
752.070A	Driving disc 380 rpm with protection ring
694.326	Pad High-Speed (Natural fibre)
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.328	Bonnet-Pad (carpet cleaning)
694.327	Micro fibre pad, Ø 43,2 cm
742.078	Additional weight, 8 kg, incl. screws
752.900	Spraymaster, 1 liter
719.000	Solution tank, 14 liters
742.070A	Driving disc high speed with yellow center lock



Main Switch



Duo Speed: additional weights



Pad



Driving disc High-Speed duo

## Duo Speed Spray

Identical machine as the Duo Speed delivered with an additional spray pump.

Art. 790.010



**Technical data:**

Total Power	1200–1500 W / 230 V
Brush speed	190/380 rpm
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight incl. brush	39 kg
Vibration strength handle	< 2,5 m/s <sup>2</sup>
Torque	65/40 Nm
Protection class	I/IPX4
Noise level	65 dBA

**Special accessories:**

742.059	Scrubbing brush PPN 0,6, Ø 43 cm
742.073	Exposed aggregate pavement brush
742.074	Shampooing brush PPN 0,3
742.076	Silicium Carbid brush
742.072	Polishing brush (Mexican Fiber)
790.070A	Driving disc High-Speed with rubber element
742.070	Driving disc 190 rpm
752.070	Driving disc 380 rpm
752.070A	Driving disc 380 rpm with protection ring
694.326	Pad High-Speed (Natural fibre)
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.328	Bonnet-Pad (carpet cleaning)
694.327	Micro fibre pad, Ø 43,2 cm
742.078	Additional weight, 8 kg, incl. screws
719.000	Solution tank, 14 liters
742.070A	Driving disc high speed with yellow center lock



Control with switch



Spray cleaning with Duo Speed Spray

## PowerDisc HS

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.

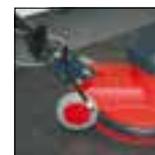
Art. 726.010

**Technical data:**

Total power max.	1200 W / 230 V
Brush speed	410 rpm
Working width	44 cm
Working height	37 cm
Cable length	12,5 m
Weight incl. driving disc	30 kg
Protection class	I / IPX0
Torque	29 Nm
Vibration strength handle	<2,5 m / s <sup>2</sup>
Noise level	55 dBA

**Special accessories:**

752.070	Driving disc
752.070A	Driving disc 380 rpm with protection ring
790.070A	Driving disc High-Speed with rubber element
694.326	Pad High-Speed (Natural fibre)
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
742.072	Polishing brush (Mexican Fiber)
752.900	Spraymaster, 1 liter
742.078	Additional weight, 8 kg, incl. screws
741.650	Vacuum ring
780.920	Vacuum unit AS 05
025.430	Dustbag (1 packet with 5 pcs.)
025.435	Textile dustbag



Sprüheinheit

Polierbürste  
Mexican FibreTreibteller High  
SpeedR 44-450  
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 aluminium construction provides durability and extended lifetime.

Art. 751.000

Picture with spraymaster  
(special accessories)**Technical data:**

Total Power	1500 W / 230 V
Brush speed	450 rpm
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight	39 kg
Vibration strength handle	< 2,5 m / s <sup>2</sup>
Torque	65 / 40 Nm
Protection class	I / IPX0
Noise level	62 dBA

**Special accessories:**

752.070	Driving disc High-Speed
752.070A	Driving disc 380 1 / min with protection ring
790.070A	Driving disc High-Speed with rubber element
694.326	Pad High-Speed (Natural fibre)
694.321.5	Pad white, Ø 43,2 cm, 5 pieces
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
742.072	Polishing brush (Mexican Fiber)
752.900	Spraymaster, 1 liter
742.078	Additional weight, 8 kg, incl. screws
741.650	Vacuum ring
780.920	Vacuum unit AS 05
025.430	Dustbag (1 packet with 5 pcs.)
025.435	Textile dustbag



Pad

Treibteller High  
Speed, Duo

# Powerful and multifunctional

## PowerDisc HD

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.

Art. 726.020



Leaflet



### Technical data:

Total power	1200 W / 230 V
Brush speed	160 rpm
Working width	44 cm
Working height	37 cm
Cable length	12,5 m
Weight	43 kg (51 kg with additional weights)
Vibration strength handle	<2,5 m/s <sup>2</sup>
Protection class	I/IPX4
Torque	68 Nm
Noise level	55 dBA

### Complete incl.:

726.410	Weight incl. holder complete 9,8 kg
726.067	Inside weight 2 kg (2 pieces needed)

### Special accessories:

726.415	Set of 2 additional weights (8 kg)
742.059	Scrubbing brush PPN 0,6
742.073	Exposed aggregate pavement brush
742.074	Shampooing brush PPN 0,3 *
742.076	Silicium Carbide brush
742.070	Pad holder
742.070	Driving disc 190 rpm
742.070A	Driving disc high speed with yellow center lock
694.322.5	Pad red, Ø 43,2 cm, 5 pieces
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
694.327	Micro fibre pad, Ø 43,2 cm
694.328	Bonnet-Pad (carpet cleaning) *
719.000	Solution tank, 14 liters
741.650	Vacuum ring, Ø 44,0 cm
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

\* only for use without weights



Easy fitting of the sanding plate



Set of 2 additional weights (8 kg)



Easy mounting and demounting of the solution tank



To transport, simply remove the standard weight

## R 44-120

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.

Art. 739.000



### Technical data:

Total power	1600 W / 230 V
Brush speed	120 rpm
Working width	44 cm
Working height	33 cm
Cable length	12,5 m
Weight	39 kg
Protection class	I/IPX4
Torque	102 Nm
Noise level	58 dBA

### Special accessories:

742.059	Scrubbing brush PPN 0,6, Ø 43 cm
742.073	Exposed aggregate pavement brush
742.068	Grinding disc for wood
742.069	Pad holder for grinding
742.080	Quattro grinding plate
742.070	Pad holder
694.323.5	Pad blue, Ø 43,2 cm, 5 pieces
694.324.5	Pad brown, Ø 43,2 cm, 5 pieces
694.325.5	Pad black, Ø 43,2 cm, 5 pieces
Z481Z	Steel wool ring for crystallisation
3611478	Additional weight, 5,7 kg, incl. screws
719.000	Solution tank, 14 liters
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
742.088	Sanding net corn 100, Ø 15 cm, to Quadro
742.088 A	Sanding net corn 40, Ø 15 cm, to Quadro

Picture with special accessoires



Driving disc quadro for sanding



connecting piece



Sanding disc

# Ultra High-Speed

## R 53-1100/ Ultra High-Speed

Superfast – 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.

Art. 782.000

**Technical data:**

Total power	1320 W / 230 V
Brush speed	1100 rpm
Working width	53 cm
Working height	15 / 35 cm
Cable length	20 m
Weight incl. driving disc	46 kg
Protection class	I / IPX0
Torque	12 Nm
Noise level	67 dBA

**Special accessories:**

752.900	Spraymaster, 1 liters
695.086	High speed pad, Ø 50,8 cm (natural fibre)
782.650	Vacuum ring, Ø 53,0 cm
780.920	Vacuum unit AS 05
025.430	Paper dustbag (1 packet with 5 pieces)
025.435	Textile dustbag



Guide wheel with  
brush pressure  
adjusting screw



Spraymaster 1 liter



Machine with  
integrated driving  
disc

## AS 05

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

Art. 780.920

**Technical data:**

Total power	1100 W / 230 V
Vacuum	250 mbar
Dustbag capacity	4,5 liters

**suitable to:**

**R44-120**  
**R53-1100**  
**R44-450**  
**PowerDisc HS**

**Complete incl.:**

– Paper dustbag (1 piece)

**Special accessories:**

782.650	Vacuum ring, Ø 53 cm, suitable to R 53-1100
741.650	Vacuum ring, Ø 44 cm
747.650	Vacuum skirt to R 44-120
025.430	Paper dustbag (1 packet with 5 pieces)
025.435	Textil dustbag



# Simply sweeping

## HS 770

Compact manual sweeper for mediumsized surfaces in the home and in the business for inside and outdoor areas. Unlimited use on all floors. Side and main brooms are adjustable. Robust construction for long life.

Art. 077.000



### Technical data:

Dirt container	32 liters
Working width	77 cm
Roller brush	adjustable
Side brush	adjustable
Weight	18 kg
Measurements l/w/h	132/80/88 cm (with handle)

### Complete including

077.740	Side brush
077.270	Main sweeping roll

## KS 650 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 manoeuvrable, 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 onboard charger it gives off no harmful emissions.

Art. 065.000



Leaflet



### Technical data:

Total power	750 W / 12 V
Dirt container volume	35 litre
Dirt container weight	25 kg
Traction drive	Continuously variable
Weight incl. battery	122 kg
Productivity rate theoretical	
with side brush	3525 m <sup>2</sup> /h
without side brush	2525 m <sup>2</sup> /h
Working width	
with side brush	71 cm
Speed	5,0 km/h
Dimensions L / W / H	110 / 71 / 72 cm

### Complete including

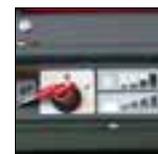
065.193	Side brush for indoor use
065.199	Onboard charger
065.142	Discharge signal indicator
065.171	Main sweeping roll

### Optional Accessories

066.091	Gel battery 12 V / 76 Ah (C5)
065.190	Side brush for outdoor use
065.010	Carpet set
	Deflector wheel
	Fibrous sieve
	Fender guide rail
	Bail complete
	Microswitch with cable
	Various, screw nuts and cable binder



Easy removal of dirt container



Battery and onboard charger display including excessive discharge protection.



Lever for raising / lowering side brush.

# Efficient sweeping

## KS 1100 B

This compact and robust ride-on sweeper is made for medium and large areas, especially indoor. The KS 1100 represents simplicity and robustness in its most sophisticated form. The KS 1100 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 KS 1100.

Art. 080.000

### Technical data:

Working width with side brushes	110 cm
Working width without side brushes	70 cm
Ø side brushes	44 cm
Sweeping principle	Overthrow
Hopper	60 Liter
Filter material	Polyester
Filter area	3,9 m <sup>2</sup>
Filter cleaning	electrical filter shaker
Turning circle	< 230 cm
Motor power surce battery	24V 180Ah
Dimensions (L x W x H)	1550 / 1000 / 1220 mm
Weight without batteries	240kg
Speed	0 – 7,2 km / h
Running hours	4.5 h
Productivity rate theoretical	ca. 8000 m <sup>2</sup> / h
Max. climbing rate (%)	20
Side brushes	2

### Complete incl.:

080.501	Main brush standard, Ø 70 cm
080.059	Side brush standard, Ø 44 cm (2 pieces needed)
080.222	Filter kompl.

### Special accessories:

701.091	4 Gel battery Dryfit à 6 V / 180 Ah (244 x 190 x 275 mm)
710.655	Gel battery charger 24 V / 25 A
080.130	Reflector Kit
080.136	Light bulb 24 V

### Outside use only:

080.060	Side brush with add. steel bristles
080.504	Main brush

### Inside use only:

080.061	Side brush soft
080.498	Main brush soft

### In- and outside use

080.059	Side brush standard
080.499	Main brush

### Accessories for street leagal

080.925	Kit for street legal, without assembling:
	Warning light yellow
	Breakdown triangle with holder
	Licence tag holder
	Tag speed limit < 10 km / h
	Reflector



Clear and convenient operating console



Large hopper



Easy to change the brushes



The filters can be changed without tools.



Inside



Adjustable ergonomic seat



Sidebrush



Mainbrush

# Efficient sweeping

## KS 1100 B HD with high emptying

Same machine like KS1100 B with high emptying.

Art. 080.010

### Technical data:

Working width with side brushes	110 cm
Working width without side brushes	70 cm
Ø side brushes	44 cm
Sweeping principle	Overthrow
Hopper	60 Liter
Filter material	Polyester
Filter area	3,9 m <sup>2</sup>
Filter cleaning	electrical filter shaker
Turning circle	< 230 cm
Motor power surge battery	24V 180Ah
Dimensions (L x W x H)	1550 / 1000 / 1220 mm
Weight without batteries	240 kg
Speed	0 – 7,2 km / h
Running hours	4,5 h
Productivity rate theoretical	ca. 8000 m <sup>2</sup> / h
Max. climbing rate (%)	20
Side brushes	2

### Complete incl.:

080.501	Main brush standard, Ø 70 cm
080.059	Side brush standard, Ø 44 cm (2 pieces needed)
080.222	Filter kompl.

### Special accessories:

701.091	4 Gel battery Dryfit à 6 V / 180 Ah (244 x 190 x 275 mm)
710.655	Gel battery charger 24 V / 25 A
080.130	Reflector Kit
080.136	Light bulb 24 V

### Outside use only:

080.060	Side brush with add. steal bristels
080.504	Main brush

### Inside use only:

080.061	Side brush soft
080.498	Main brush soft

### In- and outside use

080.059	Side brush standard
080.499	Main brush

### Accessories for street leagel

080.925	Kit for street legal, without assembling:
	Warning light yellow
	Breakdown triangle with holder
	Licence tag holder
	Tag speed limit < 10 km / h
	Reflector



Clear and convenient operating console



Large hopper



Easy to change the brushes



The filters can be changed without tools.



Inside



Adjustable ergonomic seat



Sidebrush



Mainbrush







The cleanliness company

