

EVOTEC



MOBILE INDUSTRIAL VACUUM CLEANERS 2022/23





EVOTEC innovative suction technology- Your advantages:

- First-class quality - Professional workmanship
- Robust and durable material
- Convincing functionality and ergonomics
- Surprising new solutions
- Flexible and economical in use
- Since 1985 - strong competence and experience
- High standards of design and user-friendliness



This symbol stands for tested safety - certificates prove successful testing.

Health protection and occupational safety:



Please also note our other product sections:



- **EVOTEC:** Stationary suction technology with high air volumes
- **EVOclean:** Wet/dry vacuum cleaners and cleaning equipment trolleys for maintenance cleaning

If required, we will be happy to send you our separate 2022 catalogues!

Further information and interesting insights can be found online:



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Further special voltages or ATEX zones as an upgrade possible on request. Technical changes are reserved for progress.

EVO TOOL VAC Dry and wet vacuum cleaner

EVOTEC

- 300 €
Mit BG BAU Förderung



Image shows exemplary use

- ★ Practical tooling vacuum cleaner ideal for use in crafts and workshops
- ★ Long filter service life and safe operation due to automatic filter cleaning (NONSTOPVAC)
- ★ Additional powerful socket (2400 watts max.) with automatic switch-on for power tools
- ★ Listed with BG Bau for possible receipt of an occupational health and safety bonus

EVO TOOL VAC

Versions:



**IEC / IECCE
certificated**

Reliably powerful tooling vacuum cleaner, ideal for use in crafts and workshops. Suitable for extracting hazardous substances up to asbestos.

Powerful socket (2400 watts max.) for power tools.

Integrated automatic switch-on enables convenient and clean working.

Air flow can be individually adjusted to the diameter of the accessories.

Intuitive and clear control:

Adjustable suction power, signal lights to monitor filter and air flow rate.

Two-stage filtration system:

1st Filter stage:

Dust class M PTFE flat filters.

2nd Filter stage:

Dust class H

Additional HEPA Cartridge filter for vacuuming hazardous dusts.

Automatic filter cleaning (NONSTOPVAC) ensures safe operation with long filter service life.

Length connection cable: 7 m

Model		EVO TOOL VAC
Voltage	Volt	230
Engine power	Watt	1.100
Max. air flow	m ³ /h	270
Max. negative pressure	mbar	250
Filter area „M“	m ²	0,5
Filter area „H“ (H14)	m ²	0,8
Dirt container	l	26
Protection class		IP X4
Noise level	dB(A)	74
Dimensions LxWxH	cm	62,5 x 38,5 x 54,5
Weight	kg	21
Dust class M	I.-No.	141-5050
Dust class H	I.-No.	141-5060
Dust class H-asbestos	I.-No.	141-5070

Scope of delivery includes:

4 m suction hose Ø 33 mm, hand tube (2 pieces), curved pipe, scoring nozzle, sealing cap, vacuum nozzle, tool-adaptor, 1 textile fleece filter bag, PTFE flat pleated filter dust class M.







Accessories EVO TOOL VAC

EVOTEC




(All Ø-data refer to the hose inner diameter, DN)

Accessories	
	Floor cleaning set TOOL VAC Consisting of: Chrome-plated hand tube 0.5 m, antistatic curved tube, antistatic dry/wet vacuum nozzle with rubber strips Ø 33 mm 052-1015
	Hand tube, chrome-plated TOOL VAC (2 pieces are required), length 0,5 m Ø 33 mm 052-0411
	Curved pipe TOOL VAC Antistatic Ø 33 mm 052-0423
	Scoring nozzle TOOL VAC Antistatic Ø 33 mm 052-0414

Accessories	
	Sealing cap TOOL VAC Antistatic Ø 33 mm 052-0415
	Vacuum nozzle TOOL VAC Brush strip, antistatic, Working width 360 mm Ø 33 mm 052-0412
	Dry/wet vacuum nozzle TOOL VAC With rubber strips, antistatic Working width 360 mm Ø 33 mm 052-0422
	PP hose TOOL VAC Antistatic, incl. curved pipe Ø 33 mm, 4 m length 052-0410

Filters and accessories EVO TOOL VAC



Accessories and filters	
	Tool adapter TOOL VAC Antistatic, adjustable, to connect power tools Ø 33 mm 052-0413
	PE bag TOOL VAC For maximum safety when disposing vacuumed dust, VE = 2 pieces 26 l 052-0420
	Textile fleece filter bag TOOL VAC Durable, for easy disposal VE =10 pieces 20 l 052-0416
	PTFE Flat pleated filter TOOL VAC dust class M Filter stage for exhaust air purification, washable Filter area 0,5 m² 052-0417

Accessories and filters	
	HEPA cartridge filter TOOL VAC Dust class H For vacuuming substances hazardous to health Filter area 0,8 m² 052-0418
 	Adapter for tool boxes TOOL VAC Enables the Systainer to be mounted directly on the motor head 052-0419
	Matching Systainer - Tool Systainer LxBxH: 396 x 296 x 105 mm 052-0424 - PPE-Systainer LxBxH: 396 x 296 x 160 mm 052-0425 - Hose and accessories-Systainer LxBxH: 396 x 296 x 420 mm 052-0426
	Transport handle TOOL VAC For convenient transport with the adjusted Systainer 052-0421

ECODustPro – Dry vacuum – 230 Volt

EVOTEC



Image shows optional gate valve

- ★ Compact design, large fixed castors suitable for use on stairs
- ★ Convenient dirt container lowering
- ★ ECODEstPro 12:
TRGS 519 certificated for **Asbestos** works
- ★ ECODEstPro 15:
Side channel blower for **continuous operation**
- ★ Various container sizes
25- 50 Litres



Engine head ECODEstPro 15

ECODEstPro 12
ECODEstPro 15
ECODEstPro 24

Versions:



Powerful industrial vacuum cleaners for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed by-pass units, silenced turbo fan.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Cyclone separator for better pre-separation of fine dusts and coarse material.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

Scope of delivery includes:

3,5 m Suction hose Ø 40 mm and scoring nozzle

2nd Filter stage:

Dust class H

Absolute cartridge filter (**H14**).

Effective, easy-to-use **filter cleaning** for high filter power and long working intervals without interruption. **Vacuum gauge** for filter monitoring. **Patented, tool-free filter change** - simple and clean for staff/maintenance service.

ASBESTOS-Version

GS-certificated according to **TRGS519** for the extraction of carcinogenic asbestos dusts.

Length connection cable: 8 m

Also available as a water bath version:

Wet separation.
Detailed Information can be found on page 33.



Model		ECODustPro 12	ECODustPro 15	ECODustPro 24
Voltage	Volt	230		
Engine power	Watt	1.200	1.500	2.400
Max. air volume	m³/h	165	220	330
Negative pressure	mbar	210	200 / 240 max.	210
Filter area „M“ Filter area „H“ (H14)	m² m²	1,00 + 1,7		
Dirt container	ltr.	25		
Protection class	mm	IP X4	IP55	IP 33
Noise level	dB(A)	74	72	78
Suction connection	Ø mm	60		
Dimensions LxWxH	cm	48 x 53 x 105	48 x 56 x 138	48 x 53 x 105
Weight	kg	25	49	25
Dust class M	I.-No.	151-3090	151-3093	151-3097
Dust class M/Typ22	I.-No.	--	151-3094	--
Dust class H	I.-No.	151-3091	151-3095	151-3098
Dust class H/Asbest	I.-No.	151-3092	--	--
Dust class H/Typ22	I.-No.	--	151-3096	--
Upgrades:				
Dirt container 35 ltr.	I.-No.	053-4040		
Dirt container 50 ltr.	I.-No.	053-4041		



EP Dry Vacuum – 230 Volt



- ★ Perfect filter technology for safe extraction
- ★ Strong suction power
- ★ Convenient dirt container lowering
- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ In Longopac-Version available



EVOTEC

EP 1136

Versions:



Powerful industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed by-pass units, silenced turbo fan.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (V2A).

Cyclone separator for better pre-separation of fine dusts and coarse material.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H

Absolute cartridge filter (**H14**).

Effective, easy-to-use **filter cleaning** for high filter power and long working intervals without interruption. **Vacuum gauge** for filter monitoring.

Patented, tool-free filter change - simple and clean for staff/maintenance service.

Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

Model		EP 1136	EP 1136 LP
Voltage	Volt	230	
Engine power	Watt	3.600	
Max. air volume	m³/h	490	
Negative pressure	mbar	210	
Filter area „M“	m²	2,2	
Filter area „H“ (H14)	m²	+ 2,0	
Disposal		Dirt container 60 l	Longopac
Protection class		IP 33	
Noise level	dB(A)	78	
Suction connection	Ø mm	80	
Dimensions LxWxH	cm	86 x 68 x 138	
Weight	kg	75	
Dust class M	I.-No.	151-1080	151-1086
Dust class H	I.-No.	151-1081	151-1087

Scope of delivery includes:

3,5 m Suction hose Ø 50 mm and scoring nozzle



EP Dust extractor – 230 Volt

EVOTEC



- ★ Very large volume flow
- ★ Accessories can be conveniently transported on the vacuum cleaner
- ★ Filter chamber and container made of V2A stainless steel (1.4301)
- ★ Manual filter cleaning
- ★ Energy-efficient EC motors suitable for continuous operation
- ★ Optional: Extraction arm for optimal extraction directly at the point of origin

EP 1702
EP 1703

Versions:



Powerful dust extractor with high air volume for capturing and filtering dry and hazardous to health airborne particles.

Specially developed for the **reliable extraction and filtration of dry dust** generated during various work processes.

Critical fine dusts are reliably extracted and filtered.

Robust, smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Flow rate infinitely variable.

1st Filter stage:

Dust class M Resistant polyester needle felt pocket filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H

Absolute cartridge filter (**H13/14**).

Effective, easy-to-use **manual filter cleaning** for high filter power and long working intervals without interruption. Powerful brushless EC motors for continuous operation.


Vacuum gauge for filter monitoring.

Big suction inlet Ø 150 mm with bordure socket.

Upgrade EX protected according to ATEX for safe extraction in zone 22.

Length connection cable: 8 m



Model		EP 1702	EP 1703
Voltage	Volt	230	400
Engine power	Watt	2 x 1.100	3 x 1.100
Max. air volume	m³/h	910	1.360
Negative pressure	Pa	10.000	
Filter area „M“	m²	4,1	
Filter area „H“	m²	4,3	
Dirt container	ltr.	50	
Protection class		IP 54	
Noise level	dB(A)	72 dB (A)	
Suction connection	Ø mm	150	
Dimensions LxWxH	cm	85 x 80 x 200	
Weight	kg	120	
Dust class M	Item No.	151-3080	151-3082
Dust class H	Item No.	151-3081	151-3083
Upgrade EX-protection 	Item No.	054-8042	



You will find suitable options in the accessories on p. 51

Dry vacuum – 400 Volt



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ Strong suction power
- ★ Convenient dirt container lowering

EVOTEC

EP 2122 ECO
EP 2130 ECO

Versions:



Robust industrial vacuum cleaners for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator. **Suitable for 3-shift operation.**

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, **easy-to-use filter cleaning** for long working intervals without interruption.

Vacuum gauge for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H



Absolute cartridge filter (**H14**).

Patented tool-free and **low-contamination filter change.**

Rotation direction phase monitor and vacuum limiting valve **for trouble-free use of the unit.**

Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

Model		EP 2122 ECO	EP 2130 ECO
Voltage	Volt	400	
Engine power	Watt	2.200	3.000
Max. air volume	m³/h	330	
Negative pressure	mbar	240 / 300 max.	260 / 340 max.
Filter area „M“ Filter area „H“ (H14)	m² m²	2,2 + 2,0	
Dirt container	ltr.	60	
Protection class		IP 55	
Noise level	dB(A)	70	
Suction connection	Ø mm	80	
Dimensions LxWxH	cm	83 x 68 x 165	
Weight	kg	95	100
Dust class M	Item-No.	251-1020	251-1030
Dust class M/Typ22 	Item-No.	251-1021	251-1031
Dust class H	Item-No.	251-1022	251-1032
Dust class H/Typ22 	Item-No.	251-1023	251-1033

Scope of delivery includes:

3,5 m Suction hose Ø 50 mm and scoring nozzle



EP Dry vacuum – 400 Volt

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ Convenient dirt container lowering (optional with Longopac-disposal)
- ★ Zone 21 on request

EP 2122
EP 2130
EP 2140 ECO
EP 2155 ECO

Versions:



Until 3,0 kW:



As of 4,0 kW:



Robust industrial vacuum cleaners for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator. **Suitable for 3-shift operation.**

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, easy-to-use **filter cleaning** for long working intervals without interruption.

Vacuum gauge for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H
Absolute cartridge filter (**H14**).

Patented tool-free and **low-contamination filter change**.
Rotation direction phase monitor



and vacuum limiting valve for **trouble-free use of the unit.**

Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

On request also with Longopac disposal system:
"Endless" plastic bag for easy and low-contamination disposal of the suction material.

Scope of delivery includes:
3,5 m Suction hose Ø 50 mm
and scoring nozzle

Model		EP 2122	EP 2130	EP 2140 ECO	EP 2155 ECO
Voltage	Volt	400		400 *)	
Engine power	Watt	2.200	3.000	4.000	5.500
Max. air volume	m³/h	330		410	500
Negative pressure	mbar	240 / 300 max.	260 / 340 max.	240 / 300 max.	260 / 320 max.
Filter area „M“	m²	2,2 or 3,2		3,2	
Filter area „H“ (H14)	m²	+ 2,0		+ 4,3	
Dirt container	ltr.	60			
Protection class		IP 55			
Noise level	dB(A)	70		76	
Suction connection	Ø mm	80			
Dimensions LxWxH	cm	120 x 68 x 135			
Weight	kg	150	160	180	190
Dust class M	I.-No.	251-1040	251-1050	251-1060	251-1070
Dust c. M/Typ22 	I.-No.	251-1041	251-1051	251-1061	251-1071
Dust class H	I.-No.	251-1042	251-1052	251-1062	251-1072
Dust c. H/Typ22 	I.-No.	251-1043	251-1053	251-1063	251-1073
Upgrade: 100-l dirt container	I.-No.	053-4042			

*) Direct start-up (optionally available with star-delta smooth start 054-6935)



EP Dry vacuum– 400 Volt

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Fully equipped for safety
- ★ Strong suction power, also suitable for pipe systems
- ★ Convenient dirt container lowering
- ★ Optional available with Longopac-disposal
- ★ With star-delta smooth start of the turbine
- ★ Zone 21 on request

EP 2155
EP 2175 ECO

Versions:



Robust industrial vacuum cleaners for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator. **Suitable for 3-shift operation.**

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, easy-to-use **filter cleaning** for long working intervals without interruption.

Vacuum gauge for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H

Absolute cartridge filter (H14).

Patented tool-free and **low-contamination filter change.**

Rotation direction phase monitor and vacuum limiting valve **for trouble-free use of the unit.**

Quick coupling with lock and turning device for safe connection of the suction hose.



Length connection cable: 8 m

On request also with

Longopac disposal system:

"Endless" plastic bag for easy and low-contamination disposal of the suction material.



Model		EP 2155	EP 2175 ECO
Voltage	Volt	400	
Engine power	Watt	5.500	7.500
Max. air volume	m³/h	510	700
Negative pressure	mbar	320 / 360 max.	260 / 320 max.
Filter area „M“	m²	3,2	
Filter area „H“ (H14)	m²	+ 4,3	
Dirt container	ltr.	100	
Protection class		IP 55	
Noise level	dB(A)	76	78
Suction connection	Ø mm	80	
Dimensions LxWxH	cm	148 x 68 x 156	
Weight	kg	200	210
Dust class M	Item-No.	251-1090	251-3000
Dust class M/Typ22 	Item-No.	251-1091	251-3001
Dust class H	Item-No.	251-1092	251-3002
Dust class H/Typ22 	Item-No.	251-1093	251-3003

Scope of delivery EP 2155 includes:

5,0 m Suction hose Ø 50 mm and scoring nozzle
(please note, EP 2175 ECO without accessories)



EP Dry vacuum – 400 Volt



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ Strong suction power, also suitable for pipe systems
- ★ Convenient dirt container lowering

EVOTEC

EP 2175
EP 21130

Versions:



Powerful industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator. **Suitable for 3-shift operation.**

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, easy-to-use **filter cleaning** for long working intervals without interruption.

Vacuum gauge for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

2nd Filter stage:

Dust class H
Absolute cartridge filter (**H14**).

Patented tool-free and **low-contamination filter change.**



Rotation direction phase monitor and vacuum limiting valve **for trouble-free use of the unit.**

Suction connection Ø 80 mm:

Quick coupling with lock and turning device for safe connection of the suction hose.

Suction connection Ø 150 mm: Suction inlet with bordure socket.

Length connection cable: 8 m

Model		EP 2175	EP 21130
Voltage	Volt	400	
Engine power	Watt	7.500	12.500
Max. air volume	m³/h	700	1.100
Negative pressure	mbar	260 / 320 max.	360 / 420 max.
Filter area „M“	m²	5,2	
Filter area „H“ (H14)	m²	+ 4,3	
Dirt container	ltr.	100	
Protection class		IP 55	
Noise level	dB(A)	78	
Suction connection	Ø mm	80	150
Dimensions LxWxH	cm	148 x 68 x 187	
Weight	kg	340	350
Dust class M	Item-No.	251-2000	251-2010
Dust class M/Typ22 	Item-No.	251-2001	251-2011
Dust class H	Item-No.	251-2002	251-2012
Dust class H/Typ22 	Item-No.	251-2003	251-2013

Suction hose and accessories available optional



ROBUSTO – 400 Volt

EVOTEC



Image shows ROBUSTO 2155-100 with activated carbon filtration



- ★ Crane eyes for easy transport
- ★ Large castors for uneven terrain
- ★ Convenient dirt container lowering for easy disposal
- ★ Extra strong chassis
- ★ **TRGS 519** certificated version for **Asbestos**-works available

Until 3,0 kW:



As of 4,0 kW:



ROBUSTO 1122
ROBUSTO 2115
ROBUSTO 2122
ROBUSTO 2130
ROBUSTO 2155
ROBUSTO 2175

Versions:



Robust industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator.

Suitable for 3-shift operation.

Cyclone separator for better pre-separation of fine dusts and coarse material.

Effective, easy-to-use **filter cleaning** for long working intervals without interruption. **Vacuum gauge** for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

Patented tool-free and **low-contamination filter change**.





Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

ASBESTOS version including 5,0 m exhaust air hose Ø 70 mm.

UPGRADE: 2nd Filter stage cartridge filter H (H14).

UPGRADE: GS and/or EX (Type22) Rotation direction phase monitor and vacuum limiting valve **for trouble-free use of the unit.**

Model		ROBUSTO 1122	ROBUSTO 2115	ROBUSTO 2122	ROBUSTO 2130	ROBUSTO 2155	ROBUSTO 2175
Voltage	Volt	230	400			400 *)	400
Engine power	Watt	2.200	1.500	2.200	3.000	5.500	7.500
Max. air volume	m³/h	310	220	330		480	700
Negative pressure	mbar	220 / 260 max.	200 / 240 max.	240 / 300 max.	260 / 340 max.	260 / 340 max.	260 / 320 max.
Filter area „M“	m²	1,75				3,2	
Filter area „H“ (H14)	m²	+ 1,7				+ 4,3	
Dirt container	ltr.	35				100	
Protection class		IP 55					
Noise level	dB(A)	76			77	78	
Suction connection	Ø mm	80					
Dimensions LxWxH	cm	94 x 60 x 120				110 x 68 x 152	
Weight	kg	143		151	153	198	218
Standard version Dust class M	I.-No.	151-3050	251-4135	251-4136	251-4140	251-4170	251-4190
Upgrade Dust c. H	I.-No.	054-20018				054-2280	
Upgrade 	I.-No.	054-6435				054-6455	
Upgrade  + 	I.-No.	054-6433				054-6453	
Dust c. H/ Asbest completely incl. 	I.-No.	151-3051	251-4091	251-4104	251-4111	251-4121	251-4131

*) Direct start-up (optionally available with star-delta smooth start 054-6935)

Until 5,5 kW scope of delivery includes 3,5 m Suction hose Ø 50 mm and scoring nozzle



ROBUSTO – LP – 400 Volt

EVOTEC



- ★ Crane eyes for easy transport
- ★ Large castors for uneven terrain
- ★ Longopac-System or dust-free disposal
- ★ Filter chamber lift for space-saving transport
- ★ Extra strong chassis
- ★ **TRGS 519** certificated
Version for **Asbestos**-works available

Until 3,0 kW:



As of 4,0 kW:



Image shows Asbestos version

ROBUSTO 1122-LP
ROBUSTO 2115-LP
ROBUSTO 2122-LP
ROBUSTO 2130-LP
ROBUSTO 2155-LP
ROBUSTO 2175-LP

Version:



Robust industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - Well-designed, soundproofed and maintenance-free turbine (side channel blower) as vacuum generator.

Suitable for 3-shift operation.

Cyclone separator for better pre-separation of fine dusts and coarse material.

Longopac-disposal system

"Endless" plastic bag for easy and low-contamination disposal of the suction material.

Effective, easy-to-use **filter cleaning** for long working intervals without interruption. **Vacuum gauge** for filter monitoring.

1st Filter stage:

Dust class M Resistant polyester needle felt filter with **PUR membrane**, high filtering power for long service life.

Patented tool-free and **low-contamination filter change**.






Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

ASBESTOS version including 5,0 m exhaust air hose Ø 70 mm

UPGRADE: 2nd Filter stage cartridge filter **H (H14)**.

UPGRADE: GS and/or EX (Type22) Rotation direction phase monitor and vacuum limiting valve **for trouble-free use of the unit.**

Model		ROBUSTO 1122-LP	ROBUSTO 2115-LP	ROBUSTO 2122-LP	ROBUSTO 2130-LP	ROBUSTO 2155-LP	ROBUSTO 2175-LP
Voltage	Volt	230	400			400 *)	400
Engine power	Watt	2.200	1.500	2.200	3.000	5.500	7.500
Max. air volume	m³/h	310	220	330		480	700
Negative pressure	mbar	220 / 260 max.	200 / 240 max.	240 / 300 max.	260 / 340 max.	260 / 340 max.	260 / 320 max.
Filter area „M“	m²	1,75				3,2	
Filter area „H“ (H14)	m²	+ 1,7				+ 4,3	
Disposal	ltr.	Longopac-System					
Protection class		IP 55					
Noise level	dB(A)	76			77	78	
Suction connection	Ø mm	80					
Dimensions LxWxH	cm	94 x 60 x 120 - 163 cm (Height operating state)				110 x 68 x 125 - 173	
Weight	kg	140	140	148	150	195	215
Standard version. Dust class M	I.-No.	151-3060	251-4137	251-4134	251-4150	251-4180	251-4200
Upgrade Dust c. H	I.-No.	054-20018				054-2280	
Upgrade 	I.-No.	054-6435				054-6455	
Upgrade  + 	I.-No.	054-6433				054-6453	
Dust c. H/  completely incl. 	I.-No.	151-3061	251-4093	251-4103	251-4113	251-4123	251-4133

*) Direct start-up (optionally available with star-delta smooth start 054-6935)

Until 5,5 kW scope of delivery includes 3,5 m suction hose Ø 50 mm and scoring nozzle



EPS SuperSilent - 58 dB(A) High-performance industrial vacuum cleaner

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ **Very silent, only 58 dB(A)** (at 2,2 kW)
- ★ Dirt container 35 litres

EPS 1115/2115

EPS 2122

EPS 2130

EPS 2140

Versions:



Super-silent industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (μm)

High quality standards - excellent soundproofed turbine (side channel blower) - **very quiet: e.g. 58 dB(A) at 2.2 kW output.**

Suitable for 3-shift operation. Can also be used on pipe systems or with long hoses.

Robust and smooth-running chassis for **high mobility.** Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Lowering of the dirt container for **easy disposal** of the suction material

1st Filter stage pocket filter with PUR-membrane, **dust class M.**

2nd filter stage Absolut-cartridge filter, **dust class H (H14).**



Effective, easy-to-use **filter cleaning** for high filter power and long working intervals without interruption.

Vacuum gauge for filter monitoring.

Patented, tool less filter change – easy and safe for staff and maintenance.

Quick coupling with lock and turning device for safe connection of the suction hose.

Length connection cable: 8 m

Model		EPS 1115	EPS 2115	EPS 2122	EPS 2130	EPS 2140
Voltage	Volt	230	400			
Engine power	Watt	1.500		2.200	3.000	4.000
Max. air volume	m³/h	220		330		410
Negative pressure	mbar	200/ 240 max.		240 / 300 max.	260 / 340 max.	240 / 300max.
Filter area „M“ Filter area „H“ (H14)	m² m²	1,75 or 5,0 + 1,7				
Noise level	dB(A)	55		58	62	63
Protection class		IP 55				
Dirt container	Liter	35				
Suction connection	Ø mm	80				
Dimensions LxWxH	cm	108 x 55 x 163				
Weight	kg	140		148	150	160
Dust class M	I.-No.	151-3074	251-4004	251-4014	251-4024	251-4034
Dust c. M/Typ22 	I.-No.	151-3075	251-4005	251-4015	251-4025	251-4035
Dust class H	I.-No.	151-3076	251-4006	251-4016	251-4026	251-4036
Dust c. H/Typ22 	I.-No.	151-3077	251-4007	251-4017	251-4027	251-4037

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



EPS SuperSilent - 58 dB(A) – with Longopac-System

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Side channel blowers for continuous operation and EX protection
- ★ Fully equipped for safety
- ★ **Very silent, only 58 dB(A)** (at 2,2 kW)
- ★ Longopac disposal system

EPS 1115/2115-LP

EPS 2122-LP

EPS 2130-LP

EPS 2140-LP

Versions:



Super-silent industrial vacuum cleaner for vacuuming all dry dusts - from coarse dirt to micro particles (µm)

High quality standards - excellent soundproofed turbine (side channel blower) - **very quiet: e.g. 58 dB(A) at 2.2 kW output.**

Suitable for 3-shift operation. Can also be used on pipe systems or with long hoses.

Robust and smooth-running chassis for **high mobility.** Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Easy disposal of the suction material with **low contamination** by **Longopac system** ("Endless bag" which is to be pulled down as needed.)

1st Filter stage pocket filter with PUR-membrane, **dust class M.**

2nd Filter stage: Absolut-cartridge filter, **dust class H**



(H14). Effective, easy to use **filter cleaning** for long operating intervals without interruption.

Vacuum gauge for filter monitoring.

Patented, tool less filter change – easy and safe for staff and maintenance.

Fast coupling with locking mechanism and rotating device for a secure connection of the suction hose.

Length connection cable: 8 m

Model		EPS 1115 -LP	EPS 2115 -LP	EPS 2122 -LP	EPS 2130 -LP	EPS 2140 -LP
Voltage	Volt	230	400			
Engine power	Watt	1.500		2.200	3.000	4.000
Max. air volume	m³/h	220		330		410
Negative pressure	mbar	200/ 240 max.		240 / 300 max.	260 / 340 max.	240 / 300max.
Filter area „M“ Filter area „H“ (H14)	m² m²	1,75 or 5,0 + 1,7				
Noise level	dB(A)	55		58	62	63
Protection class		IP 55				
Suction connection	Ø mm	80				
Disposal		Longopac-System				
Dimensions LxWxH	cm	108 x 55 x 163				
Weight	kg	140		148	150	160
Dust class M	I.-No.	151-3070	251-4000	251-4010	251-4020	251-4030
Dust c. M/Typ22 	I.-No.	151-3071	251-4001	251-4011	251-4021	251-4031
Dust class H	I.-No.	151-3072	251-4002	251-4012	251-4022	251-4032
Dust c. H/Typ22 	I.-No.	151-3073	251-4003	251-4013	251-4023	251-4033

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle

Image: Optional with atmospheric pulse cleaning (PPU)



EP Compression – 400 Volt

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Fully equipped for safety
- ★ Strong suction power, ideal for compressible fabrics, e.g.:
Textiles, fleeces, packaging material
- ★ Sight glass for level monitoring
- ★ Reusable cloth filter bag

EP 2330
EP 2340

Version:



Alternative:
EBG
compression
with frequency
inverter

Powerful industrial vacuum cleaners, optimized for the suction of compressible materials.

High quality standards – well-designed, silenced and maintenance-free turbine (side channel blower) as vacuum generator. Suitable for **three-shift-operation**.

Textile industry: Suction of yarns and fibres at textile machines

Packaging industry: Packaging remains and empty packages

Paper industry: Edge strips and cutting dust

These vacuum cleaners achieve **a greater storage capacity** toward conventional vacuum cleaners through compression.

By the airflow of the aspiration, the material is sucked into the filter bag. Inside, the material is **compressed by the high negative pressure**. Afterwards, the compressed material can be easily disposed or recycled.

Optional: Ultrasonic sensor for level monitoring.

Equipped with an intake bend with Camlock coupling for a secure connection of the suction hose.

Length of the connection cable: 8 m

Model		EP 2330	EP 2340
Voltage	Volt	400	
Engine power	Watt	3.000	4.000
Max. air volume	m³/h	330	
Max. negative pressure	mbar	340	360
Filter area	m²	1,3	
Dirt container	ltr.	145	
Volume filter bag	ltr.	100	
Noise level	dB(A)	73	76
Suction connection	Ø mm	Camlock – 50	
Dimensions LxWxH	cm	120 x 68 x 136	
Weight	kg	85	87
Dust clas M	Item-No.	251-2040	251-2050

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



Option: Level monitoring



Reusable fleece bag



Option: FI

EP Safety vacuum cleaner with wet separation

EVOTEC



- ★ Full safety equipment - **E.g. for Additive Manufacturing** - Many years of experience with and for renowned manufacturers in the 3D printing industry
- ★ Complies with VDI 3405
- ★ Inert process: Liquid bath for passivation of explosive dusts (e.g.: aluminium, titanium).
- ★ Degassing valve
- ★ H14 cartridge filter (2m²) and Special VA filter (1m²)
- ★ ESD suction hose



EP 2122 ECO-WB
EP 312-100-WB

Versions:

Zone 1 + 2
Zone 21 + 22



Powerful industrial vacuum cleaner with liquid bath separator integrated in the dirt container for the extraction of explosive, deposited metal dusts such as aluminium, copper, titanium.

Through the inert process, the explosive suction material is passivated by the liquid bath.

Critical fine dusts are bound in liquid separation medium (e.g. water) - according to VDI 3405.

Large wet separator tank with safety device for passivation of sucked-in media:
Minimum-Level = 25 Litres
Maximum-Level = 35 Litres

Simple and fast optical level control (minimum and maximum filling) to ensure sufficient liquid level.

Degassing valve prevents build-up of gases and vapours.

Additional special VA filter plus H14 filter cartridge for reliable separation in dust class H according to EN 60335-2-69 and EN 62487.

Scope of delivery includes:
3,5 m ESD-suction hose Ø 40 mm and scoring nozzle

High quality standards - EP 2122 ECO-WB with **electric drive**. Well-designed, sound-insulated turbine (side channel compressor) on the exhaust air side.

Or: EP 312-100 with **compressed air ejectors** - Powerful **compressed air variant**. **Attention:** external compressed air required (operating pressure 6 - 10 bar).



Convenient lowering of the dirt container for **easy disposal** of the suction material.

Suction bend with Camlock coupling for safe connection of the suction hose.

Length connection cable: 8 m

Image shows compressed air head incl. ejectors (EP 312-100 WB)




Model		EP 2122 ECO-WB	EP 312-100-WB
Drive		Voltage: 400 Volt Engine power: 2.200 Watt	2 compressed air ejectors Consumption: 56 m³/h (at 4 bar flow pressure) Operating pressure: 6-10 bar
Max. air volume	m³/h	330	300
Negative pressure	mbar	240/ 300 max.	200/ 280 max.
Filter area VA-Filter Filter area „H“ (H14)	m² m²	1,0 + 2,0	
Dirt container in total: Minimum-Level Maximum-Level	Litres Litres Litres	100 25 35	
Protection class		IP 55	-
Noise level	dB(A)	76	
Suction connection	Ø mm	40 mm Camlock connection	
Dimensions LxWxH	cm	83 x 68 x 165	
Weight	kg	100	
Dust class	I-No.	 H/Typ22: 251-3080	 H/Zone 1, 2, 21, 22: 053-0083



EP compressed air dry vacuum



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Powerful compressed-air ejectors with silencers
- ★ **ATEX marking:**
 **EX II 2 GD c IIB TX**
suitable for zone 1 and 2 as well as zone 21 and 22 tested by IBExU
- ★ Fully equipped for safety
- ★ Convenient dirt container lowering for easy disposal

EVOTEC

EP 312-60

Versions:

Zone 1 + 2
Zone 21 + 22



Powerful compressed air vacuum cleaner for sucking up all dry dust particles – from coarse dirt to fine dust (μm)

High quality standards– well designed, powerful **compressed-air ejectors with silencer** for the secure usage even in explosive areas (Zones 1/2 und 21/22).

No electric components. Suitable for **three-shift-operation**.

Comfortable lowering of the dirt container for **easy disposal** of the absorbed matter.

Cyclone separator for better pre-separating of fine dust particle and coarse matter.

1st Filter stage: Pocket filter with PUR-membrane, **Dust class M**.

2nd Filter stage: Absolut-cartridge filter, **Dust class H (H14)**.



Effective, easy-to-use **filter cleaning** for high filter power and long working intervals without interruption.

Vacuum gauge for filter monitoring. **Patented, tool less filter change** – easy and safe for staff and maintenance.

Fast coupling with locking mechanism and rotating device for a secure connection of the suction hose.

When used in a zone: Includes **ESD rollers and grounding terminal** for potential bonding
Length: 2 m

Attention: external compressed air required (operating pressure 6 - 10 bar).

Model		EP 312-60 Dry vacuum
Compressed air ejectors	Number	2
Consumption	m ³ /h	56 (at 4 bar flow pressure)
Operating pressure	bar	6 – 10
Max. air volume	m ³ /h	300
Max. negative pressure	mbar	200 - 280
Filter area „M“ Filter area „H“ (H14)	m ² m ²	2,2 or 3,2 + 2,0
Dirt container	ltr.	60
Suction connection	Ø mm	80
Noise level	dB(A)	78
Dimensions LxWxH	cm	83 x 68 x 140
Weight	kg	100
Dust class M Dust class H	Item-No. Item-No.	151-1082 151-1083
Dust class M Zone 1, 2, 21, 22 	Item-No.	151-1084
Dust class H Zone 21, 22 	Item-No.	151-1085


Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



EP Compressed air wet vacuum cleaner

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ Powerful compressed-air ejectors with silencers
- ★ **ATEX marking:**
 **EX II 2 GD c IIB TX**
suitable for zone 1 and 2 as well as zone 21 and 22 tested by IBExU
- ★ Fully equipped for safety

EP 302-120

Versions:

Zone 1 + 2
Zone 21 + 22



Powerful compressed air wet vacuum cleaner for the suction of liquids.

High quality standards— well designed, powerful **compressed-air ejectors with silencer** for the secure usage even in explosive areas (Zones 1/2 und 21/22).

No electric components. Suitable for **three-shift-operation**.

Floating device for monitoring of the liquid level (Interruption of the suction air current).

Tipper chassis for easy disposal of the absorbed matter.

Fast coupling with locking


mechanism and rotating device for a secure connection of the suction hose.

Including 1 m dump hose for the disposal of liquids.

While using in an EX-Zone:

Includes **ESD-castors** and **grounding terminal** for potential bonding

Length: 2 m

Model		EP 302-120 wet-vacuum
Compressed air ejectors	Number	2
Consumption	m³/h	56 (at 4 bar flow pressure)
Operating pressure	bar	6 - 10
Max. air volume	m³/h	300
Max. negative pressure	mbar	200 - 280
Dirt container	ltr.	120
Suction connection	Ø mm	80
Noise level	dB(A)	78
Dimensions LxWxH	cm	95 x 67 x 116
Weight	kg	74
Wet-Vacuum standard	Item-No.	151-1041
Wet-Vacuum Zone 1, 2, 21, 22 	Item-No.	151-1043

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



EP Wet- dry- or pump vacuum cleaner – 230 Volt

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ High suction power
- ★ Tilting device for easy emptying
- ★ EP 1024 Pump:
Build-in 900W-pump
- ★ EP 1036:
electric level monitoring
- ★ Three cartridge filters with automatic cleaning (EP 1036)
- ★ Drain hose

EP 1036
EP 1024 Pump

Versions:



Image shows 1024 pump

EP 1036 Powerful wet and dry vacuum cleaner

Wet vacuum: Innovative **electronic fluid level control** with engine shutdown when maximum level is reached.

Dry vacuum: Cyclone separator for better pre-separation of fine dusts and coarse material.

Three cartridge filters with **automatic cleaning**.

Tipper chassis for easy disposal of the absorbed matter.

Fast coupling with locking mechanism and rotating device for a secure connection of the suction hose.

EP 1024 Powerful pump vacuum cleaner

With fix installed stainless steel immersion pump (900W) for **continued absorbing of liquids and simultaneously pumping further** in one operation.

Including PRCDS-safety switch

Pump output: 280 l/min – not suitable for dry matter.

Optional: Equipped with Stortz-C-coupling and wastewater hose 15m.

Sturdy, smooth-running chassis for **high mobility**. Compact, modular structure with high-quality stainless steel dirt container (**V2A**).

For suction of large-area liquid distribution at low level when conventional pump cannot capture it. Example of use: **Fire brigade vacuum cleaner in case of flooding**.

(Both) Length connection cable: 8 m

Model		EP 1036	EP 1024 Pump
Voltage	Volt	230	
Engine power	Watt	3.600	2.400
Pump capacity	Watt	--	900
Max. air volume	m³/h	490	330
Max. negative pressure	mbar	210	
Filter area	m²	1,5	--
Dirt container	ltr.	120	
Protection class		IP 33	
Noise level	dB(A)	78	76
Suction connection	Ø mm	80	
Dimensions LxWxH	cm	95 x 67 x 132	
Weight	kg	68	70
Item-No.		Dust Class M 151-1042	151-1030

Scope of delivery includes for each: 3,5 m suction hose Ø 50 mm and scoring nozzle



EP Chip- liquid vacuum cleaner – 230 Volt

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ High suction power
- ★ Motor head with single switchable motors
- ★ EP 1236-100: lowerable 100 l dirt container
- ★ EP 1236-140: tiltable 140 l dirt container
- ★ 360° Suction connection
- ★ Chip separation floor/chip basket
- ★ Visual control via drain hose

Image shows 1236-100

EP 1236-140
EP 1236-100
and sensor

Versions:



Powerful industrial vacuum cleaners for chip extraction

For the **extraction and separate disposal** of solids/chips and liquids/emulsions.

Dirt container with integrated **chip separation floor or chip basket**. The chips remain on the chip separation floor (or chip basket), the liquids produced can be disposed of separately via the drain hose.

Electronic fill level control or optical fill level control via the drain hose.

360° swivelling intake bend with Kamlock coupling.

The following applies to all models: Robust and smooth-running chassis for high mobility. Compact, modular design with high-quality stainless steel dirt container (**V2A**).

Liquid-repellent cartridge filter prevents oil mist and dust intake

Length connection cable: 8 m



Image shows 1236-140

Model		EP 1236-140	EP 1236-100
Voltage	Volt	230	
Engine power	Watt	3.600	
Max. air volume	m³/h	490	
Negative pressure	mbar	210	
Filter area	m²	1,0	
Dirt container	ltr.	140	100
Chip basket	ltr.	60	Seperation floor
Protection class		IP 33	
Noise level	dB(A)	78	
Suction connection	Ø mm	50 mm Kamlock connection	
Dimensions LxWxH	cm	95 x 67 x 132	75 x 65 x 131
Weight	kg	80	70
Standard version optical level control	Item-No.	151-2010	151-3000
Version with sensor (Level control)	Item-No.	151-2011	151-3001

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



Chip-wet vacuum cleaners– 230/400 Volt – Pressure discharge

EVOTEC



- ★ Parts in contact with the product made of V2A stainless steel (1.4301)
- ★ High suction power
- ★ Fully equipped for safety
- ★ Separate disposal of chips and liquids (chip basket)
- ★ Pressure discharge
- ★ Comfortable emptying via separate drain hose.
- ★ Automatic filling level control

EP 1236

EP 2230

EP 2240

EP 2255

Versions:



Powerful chip extractor with **PRESSURE Emptying**

For the **suction and separate disposal** of solid material / swarf and liquids / emulsions.

Comfortable evacuation via dump hose with ball valve (no pump).

By **reversing the thrust**, the liquid is pressed outwards and the chips are freed from liquid.

Coolants can thus be recycled. Easily accessible chip basket.

Including **oil-resistant drain hose**, length 2 m, with ball valve for pressure drainage.

Innovative **electronic fill-level sensor (patented)** shuts down the engine when the liquid reaches maximum level.

Sturdy, smooth running chassis for high mobility. Compact modular structure with high-quality stainless steel dirt container (**V2A**).

Liquid repellent cartridge filter avoids the sucking of oil mist or dust.

Length connection cable: 8 m

EP1236: Pressure release by thrust reversal. The liquid is pressed outwards via thrust reversal.

EP2230-2255: Discharge by powerful pump.

Direct start-up (optionally available with star-delta soft start 054-6935).

Model		EP 1236	EP 2230	EP 2240	EP 2255
Voltage	Volt	230	400		
Engine power	Watt	3.600	3.000	4.000	5.500
Max. air volume	m³/h	490	330		510
Negative pressure	mbar	210	300	320	320
Filter area	m²	1,0			
Dirt container	ltr.	145			
Chip basket	ltr.	60			
Level control	Type	electric	Pressure switch		
Discharge	Art	Pressure discharge thrust reversal	Pump 350 W / 230 V / 50 Hz 56 l/min – 2,9 bar		
Protection class		IP 33	IP 55		
Noise level	dB(A)	78	70	76	
Suction connection	Ø mm	50 mm Kamlock connection			
Dimensions LxWxH	cm	120x68x136			125x68x136
Weight	kg	100	168	170	191
	I.-No.	151-2000	251-2020	251-2030	251-2080

Scope of delivery includes: 3,5 m suction hose Ø 50 mm and scoring nozzle



Accessories and options EVOTEC vacuum cleaners



Pocket filters for all EVOTEC models

(When subsequently changing from 2.2 m² to 3.2 m², the filter basket must also be replaced)



Only for ECODust models:

Dust class M

Polyester needle felt with PUR membrane, filter surface 1.0 m², Ø 400 mm

Non-stick property - for sticky or adhesive dusts.
Also for the extraction of fine dusts with an abrasive nature (e.g. glass fibre)

Standard = **054-20156**
Antistatic = **054-20223**



Dust class M

robust polyester needle felt with PTFE membrane

Non-stick property - for sticky or adhesive dusts

Heat resistant short term (30 min.) up to 200 °C
°Continuous up to 150 °C

1,75 m², Ø 400 mm = **054-20115**
2,20 m², Ø 500 mm = **054-20116**
3,20 m², Ø 500 mm (lmg.) = **054-20117**
5,20 m², Ø 500 mm = **054-20118**



Dust class M

Polyester needle felt with **antistatic PUR membrane**

Antistatic - for the extraction of dusts that can become statically charged (**installed as standard in EVOTEC units**)

1,75 m², Ø 400 mm = **054-20127**
2,20 m², Ø 500 mm (Abb.) = **054-20128**
3,20 m², Ø 500 mm = **054-20129**
5,20 m², Ø 500 mm = **054-20130**

Pocket filters, absolute cartridge filters



Dust class H (H14)

Absolute cartridge filter for all EVOTEC models

Support grille on both sides,

Replacement filter for repurchasing

1,7 m², Ø 400 mm = **054-20018**
2,0 m², Ø 500 mm = **054-20027**
4,3 m², Ø 500 mm = **054-20033**

On our YouTube channel you can find instruction videos for low-dust filter disposal.



Cartridge filter system with compressed aircleaning



When ordering in combination with Vacon-FI 10% discount

SPECIAL OFFER!

Cartridge filter system with automatic compressed air cleaning

Filter area 3 x 4.2 m² Dust class M, electrically conductive. The combination with Dust class H is possible.

Ideal for automatic and continuous cleaning of the filter cartridge during the suction of fine or sticky dust.

The cleaning cycles of the automatic control system can be defined according to requirements. The system cleans the filter elements in the cartridge with compressed air blasts **without having to switch off the vacuum cleaner.**

Attention: external compressed air required (operating pressure 6 - 8 bar)

Scope of delivery includes: compressed air reservoir, volume expansion, control unit, cartridge filter, cleaning unit (multi jet nozzles)

For Models

EP 2122, EP 2130, EP 2140 ECO, EP 2150 ECO
053-3033 (incl. switch cabinet)

EP 2140 und EP 2155
053-3032

EP 2175 und EP 21130
053-3023

Replacement filter for later purchase Filter cartridge - Dust class M

Polyester fleece Aluminium-coated, cylindrical, electrically conductive (3 pieces are required)
L 500 mm / 4,2 m² **054-20182**



Filter cleaning options



Atmospheric pulse Cleaning (PPU)

Sudden atmospheric pressure cleans the pockets/folds of the filter at defined intervals, including automatic control

For pocket or cartridge filters

1,75 m² to 10 m²

053-3025

This requires a volume expansion:

For container Ø 400 mm, height 150 mm

053-3028

For container Ø 500 mm, height 150 mm

053-3029

→ When ordering in combination with Vacon-FI 10% discount

SPECIAL OFFER!



Electromechanical filter cleaning

The filter is cleaned automatically when the vacuum is switched off. The pockets or folds of the filter are vibrated by a shaker motor and the dust is shaken off, controlled by time relays.

Universal

053-3027

→ When ordering in combination with Vacon-FI 10% discount

SPECIAL OFFER!

Control options



Frequency inverter (FI) for stepless speed regulation and increase of efficiency and performance of the turbine.

Functions FI Esco:

- Speed control
- Remote ON/OFF

1,5 kW – 3,0 kW	054-6943
4,0 kW – 5,5 kW	054-6944
7,5 kW – 15 kW	054-6945



Functions FI Vacon:

- Speed control
- Remote ON/OFF
- Atmospheric pressure cleaning
- PID control
- Level control
- Operating hours counter
- Vibrator motor control
- Automatic filter cleaning
- Cartridge filter cleaning

1,5 kW - 3.0 kW	054-6940
4,0 kW - 5,5 kW	054-6941
7,5 kW – 15 kW	054-6942

The FI takes over control functions. The corresponding hardware must be ordered separately as an option.

Control options



Remote ON/OFF via cable (FSK)

24 Volt with power supply unit (potential-free contact), output voltage 24 Volt AC with transfer point, motor protection relay, switch = 0/Automatic/Manual.

If not in combination with FU, FSK needs its own switch box.

Without Switch box	054-6931
With Switch box	054-6930
Bracket console Switch box	054-40208



Upgrade soft start with star-delta contactor combination up to 5.5 kW **054-6935**



Remote ON / OFF via Radio (FSF)

Including handheld transmitter and receiver, works to 350 m range

If not in combination with FU, FSK needs its own switch box.

With out Switch box	054-6933
with Switch box	054-6932
Bracket console Switch box	054-40208

Additional handheld transmitter **054-60322**

Disposal options



Longopac - Bags

„Endless" bag for easy and dust-free disposal of the suction material. 20 metre foil tube with cable ties for sealing.

PU = 4 units á 20 meters

Strong ESD quality

Thickness: 68 mic.



235-1050

Strong quality (not ESD)

Thickness: 68 mic.

235-1060



Plastic waste disposal bags, antistatic ESD

PU = 10 pieces



for the dust-free disposal of dust of the dust classes M and H.

Extremely stable and "nail-test"-tested. Perfect fit due to round base design - by-pass not necessary!

Suitable for:

25/35-l-Container = **235-1011**

60-l-Container = **235-1021**

100-l-Container = **235-1031**

Plastic disposal bag black, electrically conductive

VE = 10 pieces

Suitable for 50 l container = **235-1040**

Accessories and spark traps



Horizontal clamps

prevents the Longopac bag from floating, in case the flap of the hopper does not close completely due to impurities



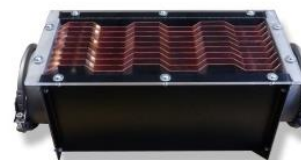
Fill level monitoring of dirt tank

Sensor monitors the fill level of the dirt tank.

Evaluation via PLC or FI (Attention: not included in delivery).

Processing of the signals according to customer's needs

054-8040



Spark trap

prevents sparks from being sucked into the vacuum cleaner. The sparks bounce against the **copper sheets** due to the air deflection and extinguish. The spark trap can be cleaned via the removable viewing plate.

Connections Ø 80 mm

053-4000

Connections Ø 150 mm

053-4001



Spark arrestor with knitted metal inlay

prevents sparks from being sucked into the system. Various diameters for integration in pipe system or suction hose

Ø 80 mm

072-0628

Ø 100 mm

072-0629

Ø 150 mm

072-0630

Dry pre-seperator



Pre-separator with Longopac disposal system

Stainless steel container with Longopac disposal system for easy pre-separation of the suction material.

"Endless" bag for easy and low-contamination disposal.

Mit Rohrbogen-Anschlussstutzen

1 x Ø 60 mm **053-2032**

2 x Ø 50 mm **053-2033**

Suitable suction and connection hoses for pre-separators can be found in the accessories.



Filter pre-separator V2A

60 litres dirt container with simple lever lowering for convenient disposal of the suction material.

Robust barge chassis including accessory basket. Connection pipe Ø 80 mm

Dust class M

incl. pocket filter 2.2 m² filter area

053-2030

Suitable absolute filter cartridge Dust class H - 2,0 m² Filter area

054-20027

Suitable suction and connection hoses for pre-separators can be found in the accessories.

Wet pre-seperator



Pre-separator 100 Liters

Completely made of stainless steel with 4 swivel castors.

Various connecting bends:

Ø 60 + Ø 50 mm = **053-1090**

Ø 60 + Ø 40 mm = **053-1091**

Ø 50 + Ø 50 mm = **053-1092**

Ø 40 + Ø 40 mm = **053-1093**

Ø 40 + Ø 50 mm = **053-1094**

Attention: Suction hose requires two muffs on the suction side.

Float system for pre-separators

for suction of liquids **053-1051**

Drain hose for pre-separator

universally suitable **053-3010**

Suitable suction and connection hoses for pre-separators can be found in the accessories.



Wet pre-separator V2A

140 litres dirt container V2A with robust tilting chassis.

Drain hose for easy disposal of liquids.

Including float system for pre-separator

Connecting elbow Ø 60 and suction bend Ø 50 mm

Attention: The suction hose to be used requires two muffs on the suction side!

053-1070

Pre-seperator



Container with hinged floor 1000 liters

With Ø 80 connections

For pre-separation of solids (e.g. peat, earth, sand, etc.)

Tension springs dampen the bottom flap during the emptying process

Automatic closing of the bottom flap during settling

Unlocking by cable from the forklift seat

Chain protection against slipping off the tines

053-2020



Drum pre-separator 210 Litres

210 litres standard drum powder coated, diameter 595 mm, height 860 mm, universal use as pre-separator with suction connections

Ø 40 mm = **053-1043**

Ø 50 mm = **053-1044**

Float system for pre-separators

Universal fit, also suitable for the kit

053-1051

Or only as kit for drum pre-separator

for self-installation, with suction connections

Ø 40 mm = **053-1041**

Ø 50 mm = **053-1042**



Pre-seperator



Big bag silo pre-separator

For the pre-separation of solids (e.g. peat, soil, sand, etc.).

Pre-separator container with hopper and heavy-duty flap.

Connection bends 2 x Ø 100 mm

053-2050

Optionally available in other versions:

Various discharge options

- Heavy
- duty flap
- Rotary valve
- Butterfly valve.

Various connections and Ø sizes available on request.



Tipping container pre-separator 500 litres

With Ø 80 connections

For pre-separation of solids and liquids.

Tipping at any height by cable pull from the forklift seat.

Stable base frame with drive-in pockets, favourable load centre of gravity.

Secured against unintentional slipping and tipping out

053-2010

Suction arms, RG2



Extraction arms enable **spot extraction** directly at the point of origin.

Easy to handle and position due to **self-supporting construction** with three stable joints.

Standard available in types

Aluminium with polypropylene joints (white)

ESD available in types

for ESD areas (electrostatic discharge, certified according to IEC 61340-5-1).

Ideal for use in laboratories, electronics manufacturing, pharmaceutical industry, etc.

- + Energy saving
- + Low noise
- + Low pressure loss

Picture on vacuum cleaner:

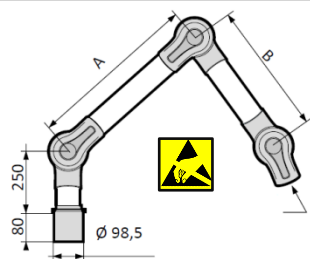
ESD/ATEX version

Ø 75 mm - Range 1,300 mm

incl. option: hood tube and flat hood

incl. option: console

Further available types and sizes on request !!



Suction arm ESD

Including holder for panel feed-through
Ø 50 mm

Range 1.300 mm **072-0400-ESD**

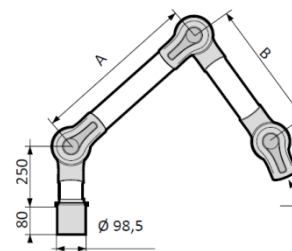
Range 1.500 mm **072-0401-ESD**

Ø 75 mm

Range 1.300 mm **072-0402-ESD**

Range 1.500 mm **072-0403-ESD**

Suction arms, RG2



Suction arm standard

Including holder for panel feed-through

Ø 50 mm

Range 1.300 mm

072-0400

Range 1.500 mm

072-0401

Ø 75 mm

Range 1.300 mm

072-0402

Range 1.500 mm

072-0403



Universal console

Bracket/console for the extraction arm on EVOTEC industrial vacuum cleaners.

Ø 50 mm

053-3051

Ø 75 mm

053-3061



Flat hood 300 x 200 mm

Especially suitable for gases and vapours. High extraction efficiency when positioned vertically to the table surface, including hood tube

Standard Ø 50 mm

072-0414

ESD Ø 50 mm

072-0414-ESD

Standard Ø 75 mm

072-0415

ESD Ø 75 mm

072-0415-ESD



Suction tip, length 300 mm

For smaller, concentrated sources of pollutants. Overhang of the suction tip for increased suction efficiency

Standard Ø 50 mm

072-0410

ESD Ø 50 mm

072-0410-ESD

Standard Ø 75 mm

072-0411

ESD Ø 75 mm

072-0411-ESD

Device options

**Activated carbon filter module**

for absorbing odours and vapours. 25-l-
container filled with activated carbon.
Individual adaptation, suitable for all models
with turbine chassis,
Illustration is an example

053-2060**Hose holder**

Suitable for all models with 60 litre dirt
containers.
(EP1136, EP2122 ECO, EP2130 ECO, EP
2122, EP 2130, EP 2140 ECO, EP 2155
ECO)

For 10 m hose
053-3070

Device options dust extractor EP1702/1703




Vertical extraction arm, incl. extraction bonnet
Console to be ordered separately

Aluminium version (as shown)

Ø 125 mm, length 2,0 m	054-90332
Ø 125 mm, length 3,0 m	054-90342
Ø 160 mm, length 2,0 m	054-90333
Ø 160 mm, length 3,0 m	054-90343

ATEX version VA

Ø 125 mm, length 2,0 m	 054-90330
Ø 125 mm, length 3,0 m	054-90340
Ø 160 mm, length 2,0 m	054-90331
Ø 160 mm, length 3,0 m	054-90341

**Bracket**

For attaching the suction arm to the vacuum
cleaner. Additional connection opening Ø 80 mm
enables hose connection.

Standard version

Ø 125 mm	053-3072
Ø 160 mm	053-3073









**Hoses**

You will find a variety of hoses and connectors in
different diameters in our piping catalogue.

Accessories for wet- and chips vacuums	
	<p>Pocket filter for EP 1036 for wet and dry vacuum cleaner EP 1036, (for version to 2017) 1.0 m², 9 pockets, Ø 500 mm, replacement filter for repurchase</p> <p>Filter = 054-10144 Ring = 054-10136</p>
	<p>Filter cartridges for EP 1036 for EP 1036 version from 2017 Filter cartridge 0,5m², dust class M, you need 3 pieces</p> <p>per piece 054-20124</p>
	<p>Swarf basket 60 litres for chip-emulsion vacuum cleaner floor height adjustable from 190 - 375 mm</p> <p>Instead of separator plate (optional) with machine order 053-3090</p> <p>To buy later as spare part 054-30075</p>
	<p>PUR-Suction Hose for chip-emulsion vacuum cleaners with sleeve for Camlock coupling 3,5 m, Ø 50 mm = 052-0278 5,0 m, Ø 50 mm = 052-0279</p> <p>Matching Camlock hose sleeve for Hose Ø 50 mm 052-0261</p>

	<p>Cartridge filter for chip emulsion vacuum cleaner For models EP 1236, EP 1236-100 and EP 1236-140 suitable for oil mist and dirty water, rinsable Spare filter for additional purchase 1.0 m², Ø 500 mm = 054-10059</p>
Optionen für Pumpsauger	
	<p>Waste water hose 15 m with Stortz/C coupling for pump vacuum cleaner Applicable to 10 bar inner diameter 52 mm</p> <p>732-1016</p>
	<p>Stortz/C coupling 1 1/2 IG Connection piece for container from pump suction to be able to connect waste water hose. Has to be ordered with machine.</p> <p>732-1022</p>
	<p>PRCDS personal protection switch for 230 V devices Recommended by the professional association</p> <p>143-1010</p>




Accessories liquid bath vacuum cleaner EP 2122 ECO-WB

	<p>Spare or exchange container 100ltr. </p> <p>Liquid bath pre-separator incl. lid with demister insert, drain hose (optical level control), Kamlock suction connection Ø 40 mm</p> <p>054-3222</p>
	<p>Kamlock coupling </p> <p>for suction hose with Ø40mm hose nozzle</p> <p>052-0198</p>
	<p>ESD Superflex suction Hose </p> <p>Completely electrically conductive $10^2 \Omega$ Ø 40 mm = 052-0200</p> <p>Hose socket (suction Side) for Superflex hose antistatic Ø 40 mm = 052-0139</p>
	<p>ESD-PUR suction Hose </p> <p>Completely electrically conductive $10^2 \Omega$ Ø 40 mm = 052-0196</p> <p>Hose socket (suction Side) for PUR Hose antistatic Ø 40 mm = 052-0141</p>

Accessories liquid bath vacuum cleaner EP 2122 ECO-WB

	<p>Filter cartridge M</p> <p>Polyester fleece electrically conductive, 0.5 m², L 250 mm (3 pieces required)</p> <p>1 Piece 054-20124</p>
	<p>Stainless Steel demister for Water bath separator height 50mm, density 175 kg/m³</p> <p>Demister 054-90190</p> <p>Holder for demister 054-30102 (3 pieces are needed)</p>
	<p>Dust class H (H14) absolute cartridge filter</p> <p>Support grids on both sides</p> <p>Replacement filter for repurchase: 2,0 m², Ø 500 mm = 054-20027</p>
	<p>Drain Hose</p> <p>For liquid bath pre-separators</p> <p>Ø25mm, lienar metre = 054-30033</p>

Options / Accessories ROBUSTO line		
	<p>Upgrade to dust class H</p> <p>Absolute cartridge filter Dust class H (H14), support grids on both sides</p> <p>1,7 m², Ø 400 mm = 054-20018 2,0 m², Ø 500 mm = 054-20027 4,3 m², Ø 500 mm = 054-20033</p>	
<p><u>Until 3,0 kW:</u></p> 	<p><u>As of 4,0 kW:</u></p> 	<p>Upgrade "Tested Safety " GS equipment - including certificate</p> <p>Equipment according to DIN 60335-2-69 for the use of the vacuum cleaner in areas with high safety requirements.</p> <p>Incl. Phase inverter plug, rotation direction monitor for 2,2 - 3,0 kW = 054-6435 for 5,5 - 7,5 kW = 054-6455</p>
 	<p>Upgrade EX-protected for zone 22 including certificate (GS or DGVV)</p> <p>Explosion-proof equipment of the vacuum cleaner for safe extraction of explosive dusts according to ATEX in zone 22.</p> <p>Including vacuum limiting valve, phase reversing plug, rotation direction monitor for 2,2 - 3,0 kW = 054-6433 for 5,5 - 7,5 kW = 054-6453</p>	
	<p>Exhaust air Hose</p> <p>Complete with Storz coupling for connection to exhaust air spigot, diameter Ø 70 mm</p> <p>1,5 kW to 5,5 kW = 053-3092 7,5 kW = 053-3093</p>	

Options/ Accessories compression vacuum cleaner	
	<p>Cloth filter bag Polyester needle felt fleece, Dust class M, for container Ø 500, length 750 mm, reusable</p> <p>054-10143</p>
	<p>Light fleece disposal bag Thin fleece as insert for cloth filter bags, for easy disposal of the suction material, for container Ø 500, length 1050 mm flat width 820 mm</p>
	<p>Jute bag as coarse filter collection bag - ideal in combination with lightweight fleece disposal bag – for container Ø 500, length 980 mm flat width 800 mm</p>

Practical accessory sets

Machine cleaning Set

optimal for cleaning
of production machines, completely antistatic

Consisting of mass suction nozzle,
inclined pipe rubber nozzle, pointed rubber nozzle

Ø 40 mm **052-1081**
Ø 50 mm **052-1071**



Industrial floor cleaning set

for the cleaning of all floors,
completely antistatic



Consisting of multi-part hand tube, metal roller nozzle with brush strips and
replacement rubber strips

Ø 40 mm, working width 370 mm **052-1031**
Ø 40 mm, working width 450 mm **052-1036**
Ø 50 mm, working width 370 mm **052-1041**
Ø 50 mm, working width 450 mm **052-1051**
Ø 50 mm, working width 500 mm **052-1061**



Height cleaning set

For cleaning at height, e.g. of supply pipes

consisting of 4 hand tubes Ø 40 mm, each 500 mm long (052-1100 including
connector from Ø 40 to Ø 50 mm),

pipe elbow nozzles 100 mm and 200 mm,
and a wall and floor nozzle

Ø 40 mm **052-1090**
Ø 50 mm **052-1100**



YouTube



On our YouTube channel you will find helpful application
videos for industrial floor cleaning.

(All Ø specifications refer to the hose inner diameter)

PP-Hoses and - components

Hose material Polypropylene (PP), antistatic, with matching connection sleeves.
Best suitable material for industrial use.



PP-Suction Hose antistatic, complete with fittings

3,5 m lang Ø 40 mm =	052-0151
3,5 m lang Ø 50 mm =	052-0248
5 m lang Ø 40 mm =	052-0152
5 m lang Ø 50 mm =	052-0249



Linear Meter, antistatic (for extension or self-assembly)

Ø 40 mm =	052-0130
Ø 50 mm =	052-0230



Hose sleeve (suction side) for PP-Hose antistatic

Ø 40 mm =	052-0140
Ø 50 mm =	052-0240



Hose sleeve (boiler side) for PP-Hose antistatic Including retaining ring

Ø 80 - 40 mm =	052-0159
Ø 80 - 50 mm =	052-0256
Only for ECODustPro	
Ø 60 - 40 mm	052-0145
Ø 60 - 50 mm	052-0244

Superflex hoses and - components

Hose material made of polypropylene (PP), thread-reinforced and spiral-supported
Particularly light and flexible even over longer distances. Best suitable material for industrial use. Conductive = conductive when the spiral is grounded



Superflex-Suction Hose, conductive, complete with sleeves

3,5 m Ø 40 mm =	052-0153
3,5 m Ø 50 mm =	052-0250
5 m Ø 40 mm =	052-0154
5 m Ø 50 mm =	052-0251



Linear Meter, conductive (for extension or self-assembly)

Ø 40 mm =	052-0133
Ø 50 mm =	052-0233
Ø 60 mm =	054-90037



Hose sleeve (suction side) for Superflex-Hose antistatic

Ø 40 mm =	052-0139
Ø 50 mm =	052-0239



Hose sleeve (boiler side) including retaining ring for Superflex-Hose antistatic

Ø 80 - 40 mm =	052-0158
Ø 80 - 50 mm =	052-0255
Only for ECODustPro	
Ø 60 - 40 mm	052-0144
Ø 60 - 50 mm	052-0243

(All Ø specifications refer to the hose inner diameter)

PUR-hoses and - components

Hose material: polyurethane (PUR). Reinforced by integrated steel spiral. Oil resistant, very stable and suitable for abrasive dusts. Heat resistant to 125°C. Highly suitable material for extreme industrial use.

Conductive = Conductive when the spiral is grounded


	PUR- suction hose, conductive, complete with sleeves	
	3,5 m lang Ø 40 mm =	052-0155
	3,5 m lang Ø 50 mm =	052-0252
	5 m lang Ø 40 mm =	052-0156


5 m lang Ø 50 mm = **052-0253**

Running metre, conductive
(for extension or self-assembly)

	Running metre, conductive (for extension or self-assembly)	
	Ø 40 mm =	052-0136
	Ø 50 mm =	052-0236
	Ø 70 mm =	052-0309

reinforced version:
Ø 40 mm = **052-0157**
Ø 50 mm = **052-0254**
Ø 70 mm = **052-0310**

	Hose sleeve (suction side) for PUR-Hose antistatic	
	Ø 40 mm =	052-0141
	Ø 50 mm =	052-0241
	Ø 70 mm =	052-0311


	Hose sleeve (boiler side) for PUR-Hose antistatic Including retaining ring	
	Ø 80 - 40 mm =	052-0160
	Ø 80 - 50 mm =	052-0257
	Only for ECODustPro	


Ø 60 - 40 mm **052-0146**
Ø 60 - 50 mm **052-0245**

ESD-hoses and - components

Hose material: polyurethane (PUR) or polypropylene (Superflex). Both spiral supported, Superflex additionally thread-reinforced. Ideally suited material for industrial use in potentially explosive areas.

Completely electrically conductive 10³ to 104 Ω

	ESD-Superflex-Suction hose	
	Completely electrically conductive 104 Ω leicht and flexible, spiral-supported and thread-reinforced	
	Ø 40 mm =	052-0200
	Ø 50 mm =	052-0287

	ESD-PUR-Suction hose	
	Completely electrically conductive 10 ³ Ω robust and spiral supported	
	Ø 40 mm =	052-0196
	Ø 50 mm =	052-0281

	Hose sleeve (suction side)	
	for ESD-Superflex-Hose antistatic	
	Ø 40 mm =	052-0139
	Ø 50 mm =	052-0239

for **ESD-PUR-Hose** antistatic
Ø 40 mm = **052-0141**
Ø 50 mm = **052-0241**

	Hose sleeve (boiler side) Including retaining ring	
	for ESD-Superflex-Hose antistatic	
	Ø 80 - 40 mm =	052-0158
	Ø 80 - 50 mm =	052-0255

for **ESD-PUR-Hose** antistatic
Ø 80 - 40 mm **052-0160**
Ø 80 - 50 mm **052-0257**

Metall-hoses and- components

Hose material metal, metal tapes with sealing threads, flexible, axial mobility, torsional stability, heat resistant to 400° C.

Only suitable for dry dust

	<p>Metal suction hose, glass thread sealed, complete with sleeves</p> <p>3,5 m lang Ø 40 mm = 052-0186 3,5 m lang Ø 50 mm = 052-0271 5 m lang Ø 40 mm = 052-0187 5 m lang Ø 50 mm = 052-0272</p>
	<p>Linear metres (for extension or self-assembly)</p> <p>Ø 40 mm = 052-0185 Ø 50 mm = 052-0270</p>
	<p>Universal trousers sleeve (boiler side) suitable for all hose qualities</p> <p>Ø 80 - 40 mm = 052-0175 Ø 80 - 50 mm = 052-0266 Ø 80 - 60 mm = 054-90013 Ø 80 - 70 mm = 052-0312 Ø 80 - 80 mm = 052-0322</p>
	<p>Hose sleeve (suction side) for Metal - Hose</p> <p>Ø 40 mm = 052-0112 Ø 50 mm = 052-0208</p>





components

	<p>Meta crevice nozzle</p> <p>Ø 40 x 300 mm = 052-0109 Ø 40 x 500 mm = 052-0108 Ø 40 x 1000 mm = 052-0107 Ø 50 x 300 mm = 052-0218 Ø 50 x 600 mm = 052-0219</p>
	<p>Metal inclined tube nozzle</p> <p>Ø 40 x 300 mm = 052-0110 Ø 50 x 300 mm = 052-0217</p>
	<p>Metal crevice nozzle</p> <p>Ø 50 mm = 052-0220</p>
	<p>Rubber crevice nozzle, with connecting tube antistatic</p> <p>Ø 40 x 400 mm = 052-0150 Ø 50 x 430 mm = 052-0203</p>

Accessories	
	Chrome-plated curved tube  Ø 36 mm = 052-0014 Ø 40 mm = 052-0111 Ø 50 mm = 052-0209
	Chrome-plated hand tube  Ø 36 x 500 mm = 052-0012 Ø 40 x 500 mm = 052-0112 Ø 50 x 500 mm = 052-0208
	Floor nozzle with brush strips and side rollers Ø 40 x 400 mm = 052-0116 Ø 50 x 400 mm = 052-0210 Spare brush strips = 052-0026
	Floor nozzle with rubber strips and side rollers Ø 40 x 400 mm = 052-0117 Ø 50 x 400 mm = 052-0211 Spare rubber strips = 052-0027

Accessories	
	Floor nozzle with carpet strip and lateral rollers Ø 40 x 400 mm = 052-0118 Spare carpet strips = 052-0030
	 Aluminium floor nozzle with rollers and brush strips Ø 40 x 370 mm = 052-0120 Ø 40 x 450 mm = 052-0121 Ø 50 x 370 mm = 052-0213 Ø 50 x 450 mm = 052-0214 Ø 50 x 500 mm = 052-0215 with rubber strips Ø 40 x 370 mm = 052-0192 Ø 40 x 450 mm = 052-0193 Ø 50 x 370 mm = 052-0276 Ø 50 x 450 mm = 052-0277
	Roadway nozzle , width 700 mm for suctioning large floor areas easy self-assembly, complete with connecting hose. Suitable for: EP 1136, EP 2122 ECO, EP 2130 ECO 053-1020

Ex - Accessories

	<p>Wide rubber nozzle with extension tube antistatic (can be attached to hand tube without extension tube)</p> <p>Ø 40 mm = 052-0126 Ø 50 mm = 052-0223 Ø 70 mm = 052-0304</p>
	<p>Rubber pointed nozzle with extension tube antistatic (can be attached to hand tube without extension tube)</p> <p>Ø 40 mm = 052-0124 Ø 50 mm = 052-0221</p>
	<p>Rubber inclined pipe nozzle with extension pipe antistatic (can be attached to hand tube without extension tube)</p> <p>Ø 40 mm = 052-0125 Ø 50 mm = 052-0222 Ø 70 mm = 052-0303</p>
	<p>Robust round brush rubber with extension tube, extra wide brush head with brass components, antistatic</p> <p>Ø 40 mm = 052-0103 Ø 50 mm = 052-0205</p>

Accessories

	<p>Hand pipe set for height cleaning consisting of 4 hand tubes Ø 40 mm each 500 mm long (Ø 50 including connector from Ø 40 to Ø 50 mm)</p> <p>Ø 40 x 2000 mm = 052-0113 Ø 50 x 2000 mm = 052-0216</p>
	<p>Curved tubular nozzle also applicable in height cleaning Ø 40 mm</p> <p>Curve width 100 mm = 052-0122 Curve width 200 mm = 052-0123</p>
	<p>Wall and floor nozzle with Brush strips</p> <p>Ø 40 x 300 mm = 052-0114</p>
	<p>Wall and floor nozzle with Rubber strips</p> <p>Ø 40 x 300 mm = 052-0115</p>



- components Ø 70 mm



Hand tube stainless steel with 3 handles
 Ø 70 mm Total length 1.40 m
 including metal-rubber sleeve for connection of
 inclined pipe nozzle or floor nozzle
052-0305

Floor suction nozzle with rollers and brush strips
 Steel powder coated

Ø 70 mm, width 500 mm **052-0301**
 Ø 50 mm, width 700 mm **052-0288**



Inclined tube nozzle
 Ø 70 mm, Length 300 mm
 Stainless Steel

052-0302



Crevice nozzle
 Ø 70 mm, Length 500 mm
 Electro-galvanized

052-0317



- Universal metal sleeves



Universal trousers sleeve (boiler side) suitable for all hose qualities

Ø 80 - 40 mm = **052-0175**
 Ø 80 - 50 mm = **052-0266**
 Ø 80 - 60 mm = **054-90013**
 Ø 80 - 70 mm = **052-0312**
 Ø 80 - 80 mm = **052-0322**



Y-distributor - universally applicable
 for connecting two suction hoses to the industrial vacuum cleaner

Ø 80x40x40 mm = **052-0178**
 Ø 80x50x50 mm = **052-0268**



Y-distributor VA - universal
 for connecting two suction hoses to one suction hose

Ø 50x40x40 mm = **052-0282**
 Ø 50x50x50 mm = **052-0283**



Plug-in hose connector for connecting two hoses – universal

Ø 40 – 40 mm = **052-0148**
 Ø 50 – 50 mm = **052-0247**
 Ø 40 – 50 mm = **052-0149**
 Ø 70 – 50 mm = **052-0321**
 Ø 70 – 70 mm = **052-0313**

Explanation of the dust classes:

EU standard EN 60335-2-69 is the applicable law for the classification of the dust classes and basis for the safe removal of dusts and materials. The health danger and explosiveness of the dusts define the needed category of use.

Furthermore the AGW-value will be considered. It defines the maximum allowable concentration on working places. As lower the AGW, as more dangerous the dust.

Dust class L:



Dusts of dust class L are considered as „light“ dangerous so that the requirements to the vacuum cleaner are easy:

- Measurement of the air speed is not necessary
- No requirements regarding the disposal
- „Normal“ requirements regarding the filtration

For all dusts with AGW > 1 mg/m³ the maximum permeability of the vacuum cleaner is allowed to be 1%.

Dust class M:



Dusts of dust class M are considered as „medium“ dangerous. The requirements to the vacuum cleaner are:

- Measurement of the air speed
- Disposal: „low dust“
- „High“ requirements regarding the filtration

For all dusts with AGW > 0,1 mg/m³ and for wood dust.

The maximum permeability of the vacuum cleaner is allowed to be 0,1 %!

Dust class H:



Dusts of dust class H are considered as „high“ dangerous – the requirements to the vacuum cleaner are:

- Measurement of the air speed
- Disposal: „dust free“
- „Highest“ requirements regarding the filtration

For all dusts with AGW < 0,1 mg/m³ (incl. cancer-causing dusts, dusts with germs/bacteria, asbestos*) the maximum permeability of the vacuum cleaner is allowed to be 0,005 %!

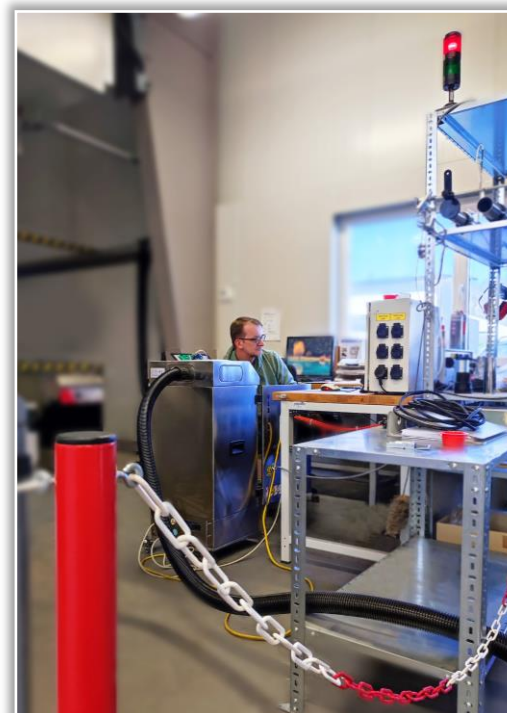
*) for asbestos, in Germany have to be fulfilled additional requirements according to TRGS519.

EX-Protection (Type22):



Explosive dusts in zone 22 do constitute different hazards – the requirements to the vacuum cleaner and its accessories are the same as listed for the dust classes L, M or H with additional Type 22. The inspection of our vacuum cleaners follows DIN EN 60335-2-69 including annexes AA und CC as well as ATEX 2014/34/EU.

Please note: All EVOTEC-machines are equipped with Type 22-suitable accessory to eliminate mistakes!



Our measures for quality assurance:

We guarantee constant highest quality. Beside the machine guidelines there are many other legal requirements, like e.g. RoHS, REACH and PAK, which must be considered to be allowed to carry a GS label.

All QA inspections are conducted in-house.

Terms and Conditions

§ 1

For all business relations between the company Blankenburg GmbH or the retail company Blankenburg with other business partners will these Terms and Conditions apply. Compared with this, contradictory Terms and Conditions of contractual partners shall not be taken into consideration. Its application will expressly contradict. Silence applies in no way as consent or agreement. The following Terms and Conditions in their current version and as agreed shall apply all future business dealings and contracts without the need to expressly state this condition.

§ 2

Our offers are non-binding. Verbal agreements only become binding when they are confirmed in writing. Conclusions, changes or annulments of a contract only become binding when they are confirmed in writing. This also takes effect for understandings about the function of this written form acknowledgement.

§ 3

Unsatisfactory details about the purchaser, who can not call this for presentation, for the period of or after conclusion of contract, whenever they become known by us, authorize us optional for resignation without fixing a time limit or to call for prepay the purchase price or to provide security.

Likewise default in acceptance of the purchaser authorize us to resign the contract without fixing a time limit. The Right of Withdrawal ranges at all quantities whether or not they are taken off, but it can be limited to certain parts or quantities whose acceptance has not take place on time. After the same requirements we are able to call for damages for non-performance or displacements of additional expenditures for not taken place on time, instead of the resignation. In case of resignation the purchaser adhere for any depreciation and lost profit.

The seller only adhere the compensation, as far as he breach the contract deliberately or gross negligence.

§ 4

The term of delivery commence on the date on which we confirm the contract and the agreement about kind of execution, on condition that the arranged terms of payment will be observed on time.

Does the purchaser demand in any point another variant of the purchasing article before delivery, in this matter the running of the delivery term will be interrupted and if necessary it will be extend for a time needed to performing the different delivery. The purchaser has the right to set us a adequate final deadline, if the agreed delivery date is overstepped more than 4 weeks. If the purchasing article is not delivered until end of final deadline, the purchaser will be able to withdraw from the contract with a written notice. Prementioned deadlines can be modified with express written agreements.

Apart from that a claim of damages for non-performance or default is excluded. In case of unindebted disability of the seller such as his suppliers for performance as well as force majeure both parties have the right of withdrawal 3 months after overriding the original delivery date, without the need for advertise this.

§ 5

We reserve changes in design and form of type of construction during the delivery time, as far as the purchasing article itself and its look have not changed radically. Data of the descriptions about power output, weight and costs of operation shall be considered approximated.

§ 6

Pending payment in full (on payment with cheque or bill of exchange until their redemption) of all receivables and future receivables, the goods supplied remain the property of us. Goods that are still our property must not be sell, bond, rent out or lend by the purchaser. He is liable for losing and all damages even if it is not his fault. If we make use of our right to return, a cancellation of the contract will be only present when it is state expressively in written by us. In this case we are authorized to calculate an amount that is adequate to our expenditures and depreciations. If goods that are still our property are bonded or owned by a third party, we are to inform about this situation in written form and all documents of the purchaser (for example protocol of attachment) are to send to us directly. The purchaser is responsible to point out our property. All costs that arise for repelling our access will be paid by the purchaser.

§ 7

An objection must happen directly in written form or within a week after receipt of goods at the latest. Anyway it must be addressed to us and not to our representative. If the notice of defects is valid, the purchaser will have the right to reclaim depreciation, but no conversion and no restitution of a damage. We are authorized to repair or to avoid the right for depreciation with replacements. Ulterior claims of the purchaser which includes loss of duty etc., are excluded. Our guarantee amounts to 12 months until transfer of risk. Notice of defects do not absolve the purchaser from compliance of the agreed payment. Our responsibility for defects expires by delayed payment of the purchaser.

§ 8

The place of performance for all claims is Remagen at the Rhine, Germany. Place of jurisdiction is Koblenz, Germany. These Terms and Conditions and the german law applies also to all business dealings made outside Germany. The use of international provisions of law is excluded.

§ 9

Our invoices are payable in cash without deduction 30 days after invoice date, as far as none other date is agreed. Payment within 8 days after invoice date offers 2 % cash discount. Deduction of the cash discount expects that all previous deliveries to the same purchaser are paid. Payments are only acceptable when they are achieved to us. Our field worker is authorized to accept payment only with special statement. Offsettings, lowering and enforcement of a right of retention are excluded to our payment claim. Default of our terms of payment absolves us from further delivery obligations, but not the purchaser from his acceptance obligation. We are authorized to make the delivery promises condition on previous payments and always to cancel commitments to lend.

Bills of exchange and cheques are only accepted in exceptional circumstances and special agreements. Discount charges and all other expenses involved are the responsibility of the purchaser. Because of a possible bailment or default of the exchange template or protesting, no rights or objections may be claimed against us.

When missing the payment date the consequences of default eventuates without the need for a reminder. The purchaser has to pay default charges of 14 % for the default period. The exercise of another defect will remain unaffected.

§ 10

Should single regulations of the Terms and Conditions be ineffective, the effectiveness of any other condition will not be touched through this.



MADE IN
GERMANY

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