

### Best onboard vacuum technology

The VHW310 represents the perfect solution for pharmaceutical, food, chemical, packaging and OEM needs where a limited space is available. Suitable for extracting and recovering small quantities of dust or small trimmings, it is equipped with a high performance bag filter and 1,5kW three phase motor for continuous duty. The manual filter shaker allows a quick cleaning of the filter, keeping the vacuuming efficiency high. The new container and lid locking systems allow an easy removal and emptying of the container.

- Extra small footprint
- Continuous duty (24/7)
- Stainless steel version
- Absolute filtration version
- Container easy to remove and empty
- Easy to upgrade

The VHW310 is the ideal vacuum to integrate into process machines (OEM). Small, powerful, it increases the efficiency and the productivity ensuring the highest reliability



Picture shown may not represent model quoted

- Standard equipment
- Standard equipment

Model	VHW310	VHW310 AD	VHW310 AU
Ref. no.	4041100304	4041100305	4041100306

PRODUCT FEATURES

Stainless steel container			
Downstream HEPA filter		•	
HEPA upstream filtration			•
L class filter	•	•	•
Filter cleaning system	•	•	•

Model	VHW310 X
Ref. no.	4041100307

PRODUCT FEATURES

Stainless steel container	•
Downstream HEPA filter	
HEPA upstream filtration	
L class filter	•
Filter cleaning system	•



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Technical specifications	VHW310	VHW310 AD	VHW310 AU
Voltage (V)	400	400	400
Frequency (Hz)	50	50	50
Protection class / ip protection	55	55	55
Insulation class	I	I	I
Rated power (W)	1500	1500	1500
Airflow without hose (l/sec)	58	58	58
Vacuum max (kPa)	24	24	24
Sound pressure level at 1.5 m (dB(A) ISO 3744)	61	61	61
Container capacity (l)	5	5	5
Main filter type	L CLASS POLYESTER	L CLASS POLYESTER	L CLASS POLYESTER
Main filter area (cm <sup>2</sup> )	4250	4250	4250
Upstream HEPA filter H14 (cm <sup>2</sup> )	-	-	11000
Downstream HEPA filter H14 (cm <sup>2</sup> )	-	11000	-
Inlet (mm)	50	50	50
Length x width x height (cm)	71x42x90,5	71x42x90,5	71x42x90,5
Weight (kg)	49	50	50

Technical specifications	VHW310 X
Voltage (V)	400
Frequency (Hz)	50
Protection class / ip protection	55
Insulation class	I
Rated power (W)	1500
Airflow without hose (l/sec)	58
Vacuum max (kPa)	24
Sound pressure level at 1.5 m (dB(A) ISO 3744)	61
Container capacity (l)	5
Main filter type	L CLASS POLYESTER
Main filter area (cm <sup>2</sup> )	4250
Upstream HEPA filter H14 (cm <sup>2</sup> )	-
Downstream HEPA filter H14 (cm <sup>2</sup> )	-
Inlet (mm)	50
Length x width x height (cm)	71x42x90,5
Weight (kg)	49












## Best onboard vacuum technology

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
<b>Round Brush Nozzle</b>					
	BRUSH SPARE PART NYLON D.80	Z8 23005	1	○	○
	NOZZLE BRUSH 38MM 100	10989000	1	○	○
	PAINTBRUSH D40/80 BRISTLES COMPLETE	Z7 22045	1	○	○
	PAINTBRUSH D40/100 STEEL COMPLETE	Z7 22046	1	○	○
	ROUND BRUSH NATURAL BRISTLES 70MM F/ 38	12422500	1	○	○
<b>Nozzle</b>					
	NOZZLE BRUSH50MM ST. STEEL FLAT 300MM D	22432901	1	○	○
	NOZZLE BRUSH50MM ST. STEEL FLAT 300MM R	22432905	1	○	○
	NOZZLE LIPS 50MM FE/ZN FLAT 300MM BLAC	22432302	1	○	○
	NOZZLE LIPS 50MM ST. STEEL FLAT 300MM D	22432301	1	○	○
<b>FDA Approved - 50 mm Connection</b>					
	NOZZLE LIPS 50MM ST. STEEL FLAT 300MM G	22432306	1	○	○
<b>Pipe Cleaner Nozzle</b>					
	CURVED BRUSH FOR PIPES D40/200 FE COMPL	Z7 22134	1	○	○
	CURVED BRUSH FOR PIPES D50/200 FE COMPL	Z7 22133	1	○	○

## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	NOZZLE BRUSH50MM FE/ZN FOR PIPE 200MM G	22432500	1	○	○	○
<b>Standard (ESD) - 50 mm Connection</b>						
	NOZZLE BRUSH50MM FE/ZN FOR PIPE 200MM B	22432502	1	○	○	○
<b>Hose Vacuum Cleaner</b>						
	50MM ANTI STATIC CUFF	Z7 20325	1	○	○	○
	AIR HOSE D40MT5+SLEEVES	Z7 22362	1	○	○	○
	AIR HOSE D40MT15+SLEEVES	4072200471	1	○	○	○
	AIR HOSE D50MT5+SLEEVES	Z7 22363	1	○	○	○
	AIR HOSE D50MT15+SLEEVES	4072200472	1	○	○	○
	FLEX CONDUCTIVE HOSE D38 MT3+ SLEEVES	Z7 22374	1	○	○	○
	FLEX CONDUCTIVE HOSE D38 MT5+ SLEEVES	Z7 22376	1	○	○	○
	FLEX CONDUCTIVE HOSE D38 MT15+ SLEEVES	4072200480	1	○	○	○
	FLEX CONDUCTIVE HOSE D50 MT3+ SLEEVES	Z7 22375	1	○	○	○
	FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES	Z7 22377	1	○	○	○













## Best onboard vacuum technology

Accessories	Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
 FLEX CONDUCTIVE HOSE D50 MT15+ SLEEVES	4072200481	1	○	○	○
 HOSED40 POLYURETHAN MT3+SLEEVE	Z7 22297	1	○	○	○
 POL HOSE D40 MT5+SLEEVES	Z7 22365	1	○	○	○
 POL HOSE D40 MT15+SLEEVES	4072200474	1	○	○	○
 POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○	○	○
 POL HOSE D50 MT15+SLEEVES	4072200475	1	○	○	○
 SLEEVE D40 RUBBER	Z7 20001	1	○	○	○
 SLEEVE D40ANTISTAT.RUBBER COMPONENT ATEX	40000212	1	○	○	○
 SLEEVE D50 RUBBER	Z7 20002	1	○	○	○
 SLEEVE D50ANTISTAT.RUBBER COMPONENT ATEX	40000219	1	○	○	○
 SYLICONE HOSE D40 /METER	Z7 24189	1	○	○	○
 TUBE D40 AIR MT.3 + SLEEVES COMP.WITH	Z7 22049	1	○	○	○

## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	TUBE D40 ATOXIC ANTISTATIC IN METERS	Z7 24028	1	○	○	○
	TUBE D50 AIR MT3 + SLEEVES	Z7 22062	1	○	○	○
	TUBE D50 ATOXIC ANTISTATIC IN METERS	Z7 24029	1	○	○	○
	TUBE D50 POLYURETHAN MT3+SLEEV	Z7 22298	1	○	○	○
<b>Extension Tube</b>						
	ALUM.EXTENSION D40 MT1 INLET PIN M/F	Z7 22386	1	○	○	○
	FLAT LANCE D40 INOX	40000213	1	○	○	○
	FLAT LANCE D50 INOX	40000220	1	○	○	○
	HANDGRIP D40 ALUMINIUM COMPLETE	Z7 22026	1	○	○	○
	HANDGRIP D40 INOX COMPLETE	40000215	1	○	○	○
	HANDGRIP D50 ALUMINIUM COMPLETE	Z7 22025	1	○	○	○
	HANDGRIP D50 INOX COMPLETE	40000222	1	○	○	○
<b>Cone Nozzle</b>						

## Best onboard vacuum technology













	Accessories	Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	CONIC END D40/50/20 COMPLETE	Z7 22142	1	○	○	○
	CONIC END D50/20 COMPLETE	Z7 22141	1	○	○	○
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	1	○	○	○
	CONIC TUBE D40 RUBBER	Z7 21011	1	○	○	○
	CONIC TUBE D40 SYLICONE	Z7 21086	1	○	○	○
	CONIC TUBE D50 ANTISTATIC COMPONENT ATEX	40000221	1	○	○	○
	CONIC TUBE D50 RUBBER	Z7 21010	1	○	○	○
	RUBBER CODE D50	80650900	1	○	○	○
	RUBBER CODE D50	80691100	1	○	○	○
<b>Vac Nozzle Dry</b>						
	BRUSH D40 MM400 90 COMPLETE	Z7 22044	1	○	○	○
	BRUSH D50 MM400 90 COMPLETE	Z7 22040	1	○	○	○
	MOB.SUCKER STRIP D40 MM400 FE COMPLETE	Z7 22138	1	○	○	○

## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	MOB.SUCKER STRIP D50 MM400 FE COMPLETE	Z7 22137	1	○	○	○
	MOBILE SUCKER D40 MM400 FE COMPLETE	Z7 22030	1	○	○	○
	MOBILE SUCKER D40 MM400 INOX COMPLETE	40000216	1	○	○	○
	MOBILE SUCKER D50 MM400 FE COMPLETE	Z7 22029	1	○	○	○
	MOBILE SUCKER D50 MM400 INOX COMPLETE	40000223	1	○	○	○
<b>Flexible Nozzle (IVT)</b>						
	FLEXIBLE NOZZLE 240MM D32MM CR	81141101	1	○	○	○
	FLEXIBLE NOZZLE 240MM D32MM NBR ANTISTAT	81932600	1	○	○	○
	FLEXIBLE NOZZLE 240MM D32MM SI AUTOCLAVE	81141103	1	○	○	○
<b>Vacuum Hose and Connection</b>						
	BENT CONNECTION D40 FE	Z7 21013	1	○	○	○
	BENT CONNECTION D40 INOX	Z7 21033	1	○	○	○
	BENT CONNECTION D50/40 Z.PLT.	Z7 22015	1	○	○	○















## Best onboard vacuum technology

	Accessories	Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	CONNECTION JOINT D40 FE	Z7 21004	1	○	○	○
	CONNECTION JOINT D40 INOX	Z7 22240	1	○	○	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○	○	○
	CONNECTION TUBE D40 INOX	Z7 22229	1	○	○	○
	CONNECTION TUBE D50 INOX	Z7 22230	1	○	○	○
	HOSE FITTING D50 PIN M	4072200388	1	○	○	○
	REDUCER D50/32 INOX	Z7 22346	1	○	○	○
	REDUCER D50/40 FE	Z7 22000	1	○	○	○
	REDUCER D50/40 INOX	Z7 22223	1	○	○	○
	REDUCER IRON D50/32	Z7 22313	1	○	○	○
	REDUCTION 40/38 PIN M	4072200389	1	○	○	○
	REDUCTION 40I 38E	4072200390	1	○	○	○


## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	REDUCTION 50/40 PIN M	4072200387	1	○	○	○
	WYE D50/40/40 INOX	Z7 22261	1	○	○	○
	WYE D50/40/40 ZINC PLT.	Z7 22060	1	○	○	○
	WYE D50/50/50 INOX	Z7 22146	1	○	○	○
	WYE D50/50/50 ZINC PLT.	Z7 22059	1	○	○	○
<b>Crevice Nozzle</b>						
	FLAT LANCE D40 MM500 PVC	Z7 24014	1	○	○	○
	FLAT LANCE D40 ZINC PLT.	Z7 21027	1	○	○	○
	FLAT LANCE D50 MM500 PVC	Z7 24013	1	○	○	○
	FLAT LANCE D50 ZINC PLT.	Z7 21026	1	○	○	○
	FLAT LANCE FITTING D.50 FE	Z7 21075	1	○	○	○
<b>Vac Nozzle Wet</b>						
	LIQ.SUCKER D50 MM400 INOX COMPLETE	Z7 22294	1	○	○	○









## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	LIQUIDS SUCKER D40 MM400 FE COMPLETE	Z7 22028	1	○	○	○
	LIQUIDS SUCKER D40 MM400 INOX COMPLETE	Z7 22296	1	○	○	○
	LIQUIDS SUCKER D50 MM400 FE COMPLETE	Z7 22027	1	○	○	○
<b>Accessory Kit</b>						
	KIT AC.D40 EQUIPMENTS CLEANING	Z7 24155	1	○	○	○
	KIT AC.D50 EQUIPMENTS CLEANING	Z7 24156	1	○	○	○
	KIT ACC.D.40 GENERAL CLEANING	Z7 24145	1	○	○	○
	KIT ACC.D.50 GENERAL CLEANING	Z7 24146	1	○	○	○
	SET OF ACC ATEX D40 FLOOR	Z7 24186	1	○	○	○
	SET OF ACC ATEX D40 MACHINES FLOOR	Z7 24185	1	○	○	○
	SET OF ACC ATEX D50 FLOOR	Z7 24183	1	○	○	○
	SET OF ACC ATEX D50 MACHINES	Z7 24184	1	○	○	○
	SET OF ACC D40 MACHINES	Z7 24187	1	○	○	○

## Best onboard vacuum technology












Accessories		Ref. no.	Min. required	VHW310	VHW310 AD	VHW310 AU
	SET OF ACC D50 MACHINES.FLOOR ATEX	Z7 24182	1	○	○	○

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment













Accessories		Ref. no.	Min. required	VHW310 X
<b>Round Brush Nozzle</b>				
	BRUSH SPARE PART NYLON D.80	Z8 23005	1	○
	NOZZLE BRUSH 38MM 100	10989000	1	○
	PAINTBRUSH D40/80 BRISTLES COMPLETE	Z7 22045	1	○
	PAINTBRUSH D40/100 STEEL COMPLETE	Z7 22046	1	○
	ROUND BRUSH NATURAL BRISTLES 70MM F/ 38	12422500	1	○
<b>Nozzle</b>				
	NOZZLE BRUSH50MM ST. STEEL FLAT 300MM D	22432901	1	○
	NOZZLE BRUSH50MM ST. STEEL FLAT 300MM R	22432905	1	○
	NOZZLE LIPS 50MM FE/ZN FLAT 300MM BLAC	22432302	1	○
	NOZZLE LIPS 50MM ST. STEEL FLAT 300MM D	22432301	1	○
<b>FDA Approved - 50 mm Connection</b>				
	NOZZLE LIPS 50MM ST. STEEL FLAT 300MM G	22432306	1	○
<b>Pipe Cleaner Nozzle</b>				















## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	CURVED BRUSH FOR PIPES D40/200 FE COMPL	Z7 22134	1	○
	CURVED BRUSH FOR PIPES D50/200 FE COMPL	Z7 22133	1	○
	NOZZLE BRUSH50MM FE/ZN FOR PIPE 200MM G	22432500	1	○
<b>Standard (ESD) - 50 mm Connection</b>				
	NOZZLE BRUSH50MM FE/ZN FOR PIPE 200MM B	22432502	1	○
<b>Hose Vacuum Cleaner</b>				
	50MM ANTI STATIC CUFF	Z7 20325	1	○
	AIR HOSE D40MT5+SLEEVES	Z7 22362	1	○
	AIR HOSE D40MT15+SLEEVES	4072200471	1	○
	AIR HOSE D50MT5+SLEEVES	Z7 22363	1	○
	AIR HOSE D50MT15+SLEEVES	4072200472	1	○
	FLEX CONDUCTIVE HOSE D38 MT3+ SLEEVES	Z7 22374	1	○
	FLEX CONDUCTIVE HOSE D38 MT5+ SLEEVES	Z7 22376	1	○
	FLEX CONDUCTIVE HOSE D38 MT15+ SLEEVES	4072200480	1	○












## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	FLEX CONDUCTIVE HOSE D50 MT3+ SLEEVES	Z7 22375	1	○
	FLEX CONDUCTIVE HOSE D50 MT5+ SLEEVES	Z7 22377	1	○
	FLEX CONDUCTIVE HOSE D50 MT15+ SLEEVES	4072200481	1	○
	HOSED40 POLYURETHAN MT3+SLEEVE	Z7 22297	1	○
	POL HOSE D40 MT5+SLEEVES	Z7 22365	1	○
	POL HOSE D40 MT15+SLEEVES	4072200474	1	○
	POL HOSE D50 MT5+SLEEVES	Z7 22366	1	○
	POL HOSE D50 MT15+SLEEVES	4072200475	1	○
	SLEEVE D40 RUBBER	Z7 20001	1	○
	SLEEVE D40ANTISTAT.RUBBER COMPONENT ATEX	40000212	1	○
	SLEEVE D50 RUBBER	Z7 20002	1	○
	SLEEVE D50ANTISTAT.RUBBER COMPONENT ATEX	40000219	1	○

## Best onboard vacuum technology












Accessories		Ref. no.	Min. required	VHW310 X
	SYLICONE HOSE D40 /METER	Z7 24189	1	○
	TUBE D40 AIR MT.3 + SLEEVES COMP.WITH	Z7 22049	1	○
	TUBE D40 ATOXIC ANTISTATIC IN METERS	Z7 24028	1	○
	TUBE D50 AIR MT3 + SLEEVES	Z7 22062	1	○
	TUBE D50 ATOXIC ANTISTATIC IN METERS	Z7 24029	1	○
	TUBE D50 POLYURETHAN MT3+SLEEV	Z7 22298	1	○
<b>Extension Tube</b>				
	ALUM.EXTENSION D40 MT1 INLET PIN M/F	Z7 22386	1	○
	FLAT LANCE D40 INOX	40000213	1	○
	FLAT LANCE D50 INOX	40000220	1	○
	HANDGRIP D40 ALUMINIUM COMPLETE	Z7 22026	1	○
	HANDGRIP D40 INOX COMPLETE	40000215	1	○
	HANDGRIP D50 ALUMINIUM COMPLETE	Z7 22025	1	○

## Best onboard vacuum technology












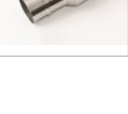
Accessories		Ref. no.	Min. required	VHW310 X
	HANDGRIP D50 INOX COMPLETE	40000222	1	○
<b>Cone Nozzle</b>				
	CONIC END D40/50/20 COMPLETE	Z7 22142	1	○
	CONIC END D50/20 COMPLETE	Z7 22141	1	○
	CONIC TUBE D40 ANTISTATIC COMPONENT ATEX	40000214	1	○
	CONIC TUBE D40 RUBBER	Z7 21011	1	○
	CONIC TUBE D40 SYLICONE	Z7 21086	1	○
	CONIC TUBE D50 ANTISTATIC COMPONENT ATEX	40000221	1	○
	CONIC TUBE D50 RUBBER	Z7 21010	1	○
	RUBBER CODE D50	80650900	1	○
	RUBBER CODE D50	80691100	1	○
<b>Vac Nozzle Dry</b>				
	BRUSH D40 MM400 90 COMPLETE	Z7 22044	1	○















## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	BRUSH D50 MM400 90 COMPLETE	Z7 22040	1	○
	MOB.SUCKER STRIP D40 MM400 FE COMPLETE	Z7 22138	1	○
	MOB.SUCKER STRIP D50 MM400 FE COMPLETE	Z7 22137	1	○
	MOBILE SUCKER D40 MM400 FE COMPLETE	Z7 22030	1	○
	MOBILE SUCKER D40 MM400 INOX COMPLETE	40000216	1	○
	MOBILE SUCKER D50 MM400 FE COMPLETE	Z7 22029	1	○
	MOBILE SUCKER D50 MM400 INOX COMPLETE	40000223	1	○
<b>Flexible Nozzle (IVT)</b>				
	FLEXIBLE NOZZLE 240MM D32MM CR	81141101	1	○
	FLEXIBLE NOZZLE 240MM D32MM NBR ANTISTAT	81932600	1	○
	FLEXIBLE NOZZLE 240MM D32MM SI AUTOCLAVE	81141103	1	○
<b>Vacuum Hose and Connection</b>				
	BENT CONNECTION D40 FE	Z7 21013	1	○












## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	BENT CONNECTION D40 INOX	Z7 21033	1	○
	BENT CONNECTION D50/40 Z.PLT.	Z7 22015	1	○
	CONNECTION JOINT D40 FE	Z7 21004	1	○
	CONNECTION JOINT D40 INOX	Z7 22240	1	○
	CONNECTION JOINT D50 INOX	Z7 22241	1	○
	CONNECTION TUBE D40 INOX	Z7 22229	1	○
	CONNECTION TUBE D50 INOX	Z7 22230	1	○
	HOSE FITTING D50 PIN M	4072200388	1	○
	REDUCER D50/32 INOX	Z7 22346	1	○
	REDUCER D50/40 FE	Z7 22000	1	○
	REDUCER D50/40 INOX	Z7 22223	1	○
	REDUCER IRON D50/32	Z7 22313	1	○




## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	REDUCTION 40/38 PIN M	4072200389	1	○
	REDUCTION 40/38E	4072200390	1	○
	REDUCTION 50/40 PIN M	4072200387	1	○
	WYE D50/40/40 INOX	Z7 22261	1	○
	WYE D50/40/40 ZINC PLT.	Z7 22060	1	○
	WYE D50/50/50 INOX	Z7 22146	1	○
	WYE D50/50/50 ZINC PLT.	Z7 22059	1	○
<b>Crevice Nozzle</b>				
	FLAT LANCE D40 MM500 PVC	Z7 24014	1	○
	FLAT LANCE D40 ZINC PLT.	Z7 21027	1	○
	FLAT LANCE D50 MM500 PVC	Z7 24013	1	○
	FLAT LANCE D50 ZINC PLT.	Z7 21026	1	○
	FLAT LANCE FITTING D.50 FE	Z7 21075	1	○

## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
<b>Vac Nozzle Wet</b>				
	LIQ.SUCKER D50 MM400 INOX COMPLETE	Z7 22294	1	○
	LIQUIDS SUCKER D40 MM400 FE COMPLETE	Z7 22028	1	○
	LIQUIDS SUCKER D40 MM400 INOX COMPLETE	Z7 22296	1	○
	LIQUIDS SUCKER D50 MM400 FE COMPLETE	Z7 22027	1	○
<b>Accessory Kit</b>				
	KIT AC.D40 EQUIPMENTS CLEANING	Z7 24155	1	○
	KIT AC.D50 EQUIPMENTS CLEANING	Z7 24156	1	○
	KIT ACC.D.40 GENERAL CLEANING	Z7 24145	1	○
	KIT ACC.D.50 GENERAL CLEANING	Z7 24146	1	○
	SET OF ACC ATEX D40 FLOOR	Z7 24186	1	○
	SET OF ACC ATEX D40 MACHINES FLOOR	Z7 24185	1	○
	SET OF ACC ATEX D50 FLOOR	Z7 24183	1	○

## Best onboard vacuum technology

Accessories		Ref. no.	Min. required	VHW310 X
	SET OF ACC ATEX D50 MACHINES	Z7 24184	1	○
	SET OF ACC D40 MACHINES	Z7 24187	1	○
	SET OF ACC D50 MACHINES.FLOOR ATEX	Z7 24182	1	○