

IVS 100/75 M Z22

With 7.5 kW, the IVS 100/75 M Z22 super-class industrial vacuum features the most powerful side channel blower in our range. Explosion-proof machine for Zone 22 with dust class M certificate.



Order no. 9.987-900.0

- Constructed in conformity with DIN EN 60335-2-69:2010
- Extra-large filter area
- Manual filter cleaning

Technical data

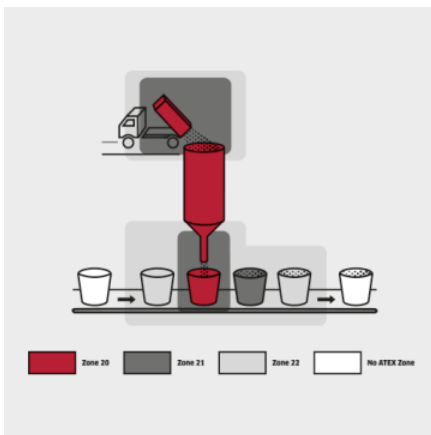
EAN code		4054278267586
Power supply	Ph / V / Hz	3 / 400 / 50
Air flow	l/s / m³/h	148 / 536
Vacuum	mbar / kPa	290 / 29
Container capacity	l	100
Container material		Stainless steel
Rated input power	kW	7.5
Vacuuming type		Electric
Connection nominal diameter		DN 70
Accessory nominal diameter		DN 70 / DN 50
Sound pressure level	dB(A)	73
Main filter dust class		M
Filter area for main filter	m²	2.2
Weight without accessories	kg	180
Weight incl. packaging	kg	191.5
Dimensions (L × W × H)	mm	1202 × 686 × 1495

This machine requires instruction.

Equipment

Accessories included in the scope of delivery	no
Container emptying	Set-down trolley

- Included in the scope of supply.



Suitable for zone 22

- IVS Ex vacuums guarantee the highest level of safety thanks to the latest technology.
- Reliable vacuuming of substances which could put health at risk such as explosive dusts.



Power-saving soft start

- Low starting current prevents power supply voltage dips.
- Low energy peaks ensure lower energy costs.
- Only low machine fuse protection necessary. (Up to 5.5 A, 16 A fuse protection is sufficient.)



User-friendly set-down mechanism

- Easy and time-saving container removal directly on the handle.
- The practical container handle serves as an aid for pulling and pushing the machine to the emptying point.
- Large industrial rollers ensure maximum mobility even on uneven floors and under heavy load.

ACCESSORIES FOR IVS 100/75 M Z22

9.987-900.0



		Order no.	Description	
ACCESSORY SETS				
Accessory kit for solids/dust				
Advanced dry floor cleaning set DN50	1	9.990-894.0	Advanced dry floor cleaning set: EVA hose (9.990-924.0), handle (9.990-930.0), 2 × suction tube (9.990-934.0), floor nozzle (9.990-936.0), standard nozzle (9.980-761.0).	<input type="checkbox"/>
NOZZLES				
Standard nozzles				
Standard PVC nozzle DN50	2	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	<input type="checkbox"/>
Standard nozzle silicone DN50	3	9.988-402.0		<input type="checkbox"/>
Standard nozzle cuttable rubber DN50	4	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	<input type="checkbox"/>
Standard aluminium nozzle DN50	5	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	<input type="checkbox"/>
Flexible standard nozzles				
Standard nozzle flexible PVC DN50	6	9.981-421.0	Electroconductive, flexible round nozzle made from galvanised steel, DN 50, with rubber mouthpiece DN 30.	<input type="checkbox"/>
Floor nozzles				
Aluminium floor nozzle, el, 370 mm, DN50	7	9.987-612.0	Electroconductive multi-purpose floor nozzle. 370 mm wide, DN 50.	<input type="checkbox"/>
Crevice nozzles				
Crevice nozzle PP 15 mm × 145 mm DN50	8	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	<input type="checkbox"/>
Crevice nozzle PU 22 mm × 175 mm DN50	9	9.981-482.0	Crevice nozzle made from PU, DN 50.	<input type="checkbox"/>
Crevice nozzle 18 mm × 120 mm DN50	10	9.981-442.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 17 mm slot width.	<input type="checkbox"/>
Crevice nozzle 25 mm × 120 mm DN50	11	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	<input type="checkbox"/>
Flexible crevice nozzles				
Flexible crevice nozzle silicone 65 mm DN50	12	9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	<input type="checkbox"/>
Flexible crevice nozzle 12 mm × 45 mm DN50	13	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	<input type="checkbox"/>
Flexible crevice nozzle 20 mm × 45 mm DN50	14	9.981-425.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 50.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Description	
NOZZLES				
Surface nozzles				
Silicone surface nozzle 120 mm DN50	15	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	<input type="checkbox"/>
Aluminium surface nozzle 150 mm DN50	16	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	<input type="checkbox"/>
BRUSHES				
Standard brushes				
Standard brush 40 mm DN50	17	9.981-432.0	Flat brush nozzle DN 50.	<input type="checkbox"/>
End brushes				
End brush Ø 82 mm DN50	18	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	<input type="checkbox"/>
Surface brushes				
Surface brush 300 mm DN50	19	9.981-912.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	<input type="checkbox"/>
HOSES				
PVC				
Hose PVC DN50 3 m	20	9.989-615.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 3 m.	<input type="checkbox"/>
Hose PVC DN50 5 m	21	9.989-616.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 5 m.	<input type="checkbox"/>
PVC hose DN50 15 m without connectors	22	9.989-634.0	PVC hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
Hose PVC DN70 3 m	23	9.989-635.0	Electroconductive PVC hose, DN 70. Temperature-resistant up to 85 °C. Length: 3 m.	<input type="checkbox"/>
Hose PVC DN70 5 m	24	9.989-643.0	PVC hose, DN 70. Temperature-resistant up to 85 °C and electroconductive. Length: 5 m.	<input type="checkbox"/>
PVC hose DN70 15 m without connectors	25	9.989-636.0	PVC hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
EVA hoses				
Hose EVA NW50 3 m	26	9.988-090.0	Electroconductive hose with NW50. Suitable for temperatures up to 65°C. Length: 3 m.	<input type="checkbox"/>
Hose EVA NW50 5 m	27	9.988-091.0		<input type="checkbox"/>
EVA hose DN50 15 m without connectors	28	9.989-631.0	EVA hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 65 °C. Length: 15 m.	<input type="checkbox"/>

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		Order no.	Description	
HOSES				
EVA hoses				
Hose EVA DN70 3 m	29	9.989-613.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 3 m.	<input type="checkbox"/>
Hose EVA DN70 5 m	30	9.989-624.0	Electroconductive EVA hose, DN 70. Temperature-resistant up to 65 °C. Length: 5 m.	<input type="checkbox"/>
EVA hose DN70 15 m without connectors	31	9.989-632.0	EVA hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 65 °C. Length: 15 m.	<input type="checkbox"/>
Hose installation sets				
Hose installation kit DN50	32	9.989-628.0	Multipiece hose connection kit, DN 50.	<input type="checkbox"/>
Hose installation kit DN70	33	9.989-629.0	Multipiece hose connection kit, DN 70.	<input type="checkbox"/>
PU hoses				
Hose PU DN50 3 m	34	9.989-619.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 3 m.	<input type="checkbox"/>
Hose PU DN50 5 m	35	9.989-620.0	Oil-resistant, electroconductive PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 80 °C. Length: 5 m.	<input type="checkbox"/>
PU hose DN50 15 m without connectors	36	9.989-638.0	PU hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	<input type="checkbox"/>
Hose PU DN70 3 m	37	9.989-644.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 3 m.	<input type="checkbox"/>
Hose PU DN70 5 m	38	9.989-645.0	Oil-resistant, electroconductive PU hose, DN 70. Temperature-resistant up to 80 °C, suitable for abrasive suction media. Length: 5 m.	<input type="checkbox"/>
PU hose DN70 15 m without connectors	39	9.989-639.0	PU hose without tap adapter, DN 70. Electroconductive and temperature-resistant up to 85 °C. Length: 15 m.	<input type="checkbox"/>
ME-PU-hoses				
Hose ME-PU DN50 3 m	40	9.989-623.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 3 m.	<input type="checkbox"/>
Hose ME-PU DN50 5 m	41	9.989-625.0	Electroconductive, oil-resistant ME-PU hose, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 5 m.	<input type="checkbox"/>
ME-PU hose DN50 15 m without connectors	42	9.989-641.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 50. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	<input type="checkbox"/>

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		Order no.	Description	
HOSES				
ME-PU-hoses				
Hose ME-PU DN70 3 m	43	9.989-646.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 3 m.	<input type="checkbox"/>
Hose ME-PU DN70 5 m	44	9.989-648.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 5 m.	<input type="checkbox"/>
ME-PU hose DN70 15 m without connectors	45	9.989-642.0	Electroconductive, oil-resistant ME-PU hose without tap adapter, DN 70. Suitable for abrasive suction media and temperature-resistant up to 110 °C. Length: 15 m.	<input type="checkbox"/>
HANDLES				
Elbow aluminium 45° DN50	46	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	<input type="checkbox"/>
SUCTION TUBES				
Carbon suction tube 1500 mm DN40	47	9.989-552.0	Very light carbon extension tube, electroconductive, DN 40. Length: 1500 mm.	<input type="checkbox"/>
Carbon suction tube 1500 mm DN50	48	9.989-553.0	Electroconductive, very light carbon extension tube. Inner cone DN 50, 1500 mm long.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW40	49	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW50	50	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	<input type="checkbox"/>
ADAPTERS / REDUCERS / DISTRIBUTORS				
Accessories adapter				
Adapter accessories DN 50 to DN 51	51	9.989-603.0	Steel adapter for connection of DN 50 to DN 51. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN 51 to DN 50	52	9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN50 to DN61	53	9.989-602.0	Steel adapter for connection of DN 50 to DN 61. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN 61 to DN 50	54	9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	<input type="checkbox"/>
Reducers/expanders				
Reducer DN 70 to DN 50	55	9.977-772.0		<input type="checkbox"/>
Reduction DN70 to DN40	56	9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	<input type="checkbox"/>

☐ Available accessories.

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		Order no.	Description	
ADAPTERS / REDUCERS / DISTRIBUTORS				
Reducers/expanders				
Reduction DN50 to DN40	57	9.981-231.0	Reducer from DN 50 to DN 40. Material: Steel. Electroconductive.	<input type="checkbox"/>
Stainless steel reducer DN 70 to DN 50	58	9.989-712.0		<input type="checkbox"/>
Stainless steel reducer DN 70 to DN 40	59	9.989-713.0		<input type="checkbox"/>
Expander				
Expansion DN50 to DN70	60	9.981-921.0	Reducer from external cone DN 50 to internal cone DN 70. Material: Steel. Electroconductive.	<input type="checkbox"/>
Distributor				
Y distributor DN 70 to DN 50	61	9.989-611.0	Electroconductive steel fitting, DN 70/DN 50 / DN 50.	<input type="checkbox"/>
EMPTYING SUPPORTS				
Emptying bags				
Disposal bag PE Ø 510 mm 100 l	62	6.904-348.0	Disposal bags made from PE for low-dust container emptying.	<input type="checkbox"/>

☐ Available accessories.