

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

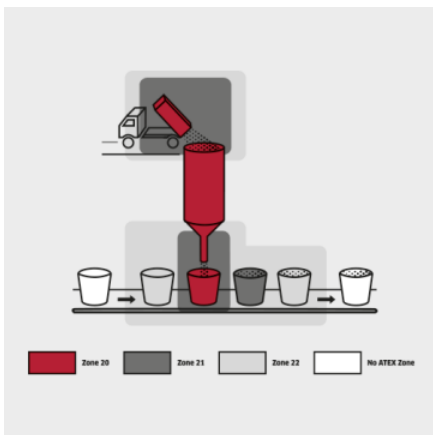
EAN code		4054278267586
Supply voltage	Ph / V / Hz	3 / 400 / 50
Air flow	l/s / m³/h	148 / 536
Vacuum	mbar / kPa	290 / 29
Container content	l	100
Rated input power	kW	7.5
Vacuumping type		Electric
Filter areas	m²	2
Connection nominal diameter		ID 70
Accessory nominal diameter		ID 70 / ID 50
Sound pressure level	dB(A)	73
Weight without accessories	kg	180
Weight incl. packaging	kg	191.5
Dimensions (L × W × H)	mm	1202 × 686 × 1495

Users must receive training on this device.

Equipment

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

- Included in the scope of supply.



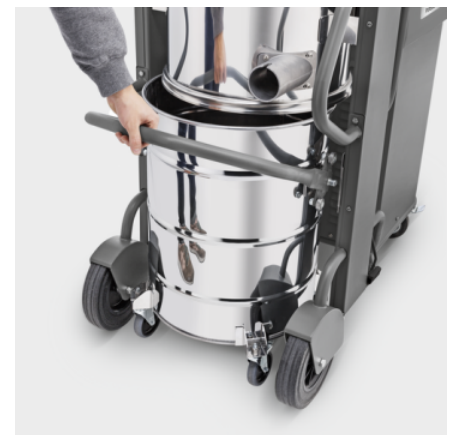
Suitable for zone 22

- 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.)

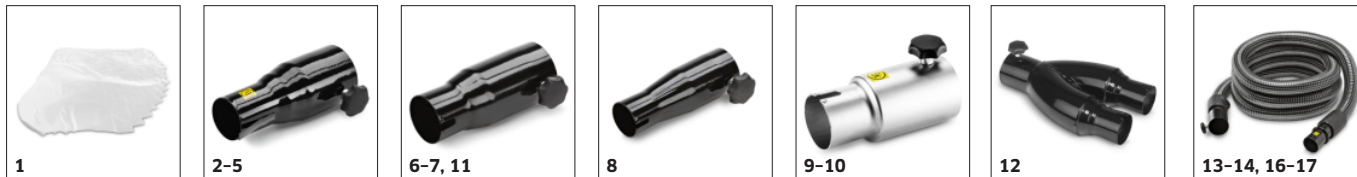


User-friendly set-down mechanism

- 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

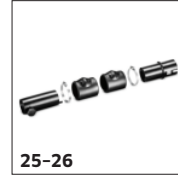


		Order no.	Description	
EMPTYING SUPPORTS				
Emptying bags				
Disposal bag PE Ø 510 mm 100 l	1	6.904-348.0	Disposal bags made from PE for low-dust container emptying.	<input type="checkbox"/>
ADAPTERS / REDUCERS / DISTRIBUTORS				
Accessories adapter				
Adapter accessories DN 50 to DN 51	2	9.989-603.0	Steel adapter for connection of DN 50 to DN 51. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN 51 to DN 50	3	9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN50 to DN61	4	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	5	9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	<input type="checkbox"/>
Reducers/expanders				
Reduction DN70 to DN50	6	9.977-772.0		<input type="checkbox"/>
Reduction DN70 to DN40	7	9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	<input type="checkbox"/>
Reduction DN50 to DN40	8	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	9	9.989-712.0		<input type="checkbox"/>
Stainless steel reducer DN 70 to DN 40	10	9.989-713.0		<input type="checkbox"/>
Expander				
Expansion DN50 to DN70	11	9.981-921.0	Reducer from external cone DN 50 to internal cone DN 70. Material: Steel. Electroconductive.	<input type="checkbox"/>
Distributor				
Y-piece fitting DN70 to DN50	12	9.989-611.0	Electroconductive steel fitting, DN 70/DN 50 / DN 50.	<input type="checkbox"/>
HOSES				
PVC				
Hose PVC DN50 3 m	13	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	14	9.989-616.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 5 m.	<input type="checkbox"/>

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

ACCESSORIES FOR IVS 100/75 M Z22

9.987-900.0



	Order no.	Description	
HOSES			
PVC			
PVC hose DN50 15 m without connectors	15	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	16	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	17	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	18	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			
Hose EVA NW50 3 m	19	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	20	9.988-091.0	
EVA hose DN50 15 m without connectors	21	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"/>
Hose EVA DN70 3 m	22	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	23	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	24	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 set			
Hose installation kit DN50	25	9.989-628.0	Multipiece hose connection kit, DN 50. <input type="checkbox"/>
Hose installation kit DN70	26	9.989-629.0	Multipiece hose connection kit, DN 70. <input type="checkbox"/>
PU			
Hose PU DN50 3 m	27	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	28	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"/>

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ACCESSORIES FOR IVS 100/75 M Z22

9.987-900.0



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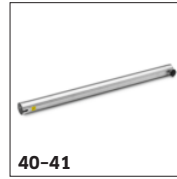
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		Order no.	Description	
HOSES				
PU				
PU hose DN50 15 m without connectors	29	9.989-638.0	PU hose without tap adapter, DN 50. Electroconductive and temperature-resistant up to 80 °C. Length: 15 m.	<input type="checkbox"/>
Hose PU DN70 3 m	30	9.989-644.0	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	31	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	32	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				
Hose ME-PU DN50 3 m	33	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	34	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	35	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"/>
Hose ME-PU DN70 3 m	36	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	37	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	38	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	39	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	<input type="checkbox"/>
SUCTION TUBES				
Stainless steel suction tube 850 mm NW40	40	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW50	41	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	<input type="checkbox"/>
Carbon suction tube 1500 mm DN40	42	9.989-552.0	Very light carbon extension tube, electroconductive, DN 40. Length: 1500 mm.	<input type="checkbox"/>

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

ACCESSORIES FOR IVS 100/75 M Z22

9.987-900.0



	Order no.	Description	
SUCTION TUBES			
Carbon suction tube 1500 mm DN50	43 9.989-553.0	Electroconductive, very light carbon extension tube. Inner cone DN 50, 1500 mm long.	<input type="checkbox"/>
NOZZLES			
Standard nozzles			
Standard PVC nozzle DN50	44 9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	<input type="checkbox"/>
Standard nozzle silicone DN50	45 9.988-402.0		<input type="checkbox"/>
Standard nozzle cuttable rubber DN50	46 9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	<input type="checkbox"/>
Standard aluminium nozzle DN50	47 9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	<input type="checkbox"/>
Flexible standard nozzles			
Standard nozzle flexible PVC DN50	48 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	49 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	50 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	51 9.981-482.0	Crevice nozzle made from PU, DN 50.	<input type="checkbox"/>
Crevice nozzle 18 mm × 120 mm DN50	52 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	53 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	54 9.988-403.0	Flexible crevice nozzle made from silicone, DN 50.	<input type="checkbox"/>
Flexible crevice nozzle 12 mm × 45 mm DN50	55 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	56 9.981-425.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 50.	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR IVS 100/75 M Z22

9.987-900.0



57



58



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		Order no.	Description	
NOZZLES				
Surface nozzles				
Silicone surface nozzle 120 mm DN50	57	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	<input type="checkbox"/>
Aluminium surface nozzle 150 mm DN50	58	9.989-665.0	Surface nozzle, 150 mm, made from aluminium. DN 50.	<input type="checkbox"/>
BRUSHES				
Standard brushes				
Standard brush 40 mm DN50	59	9.981-432.0	Flat brush nozzle DN 50.	<input type="checkbox"/>
End brushes				
End brush Ø 82 mm DN50	60	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	<input type="checkbox"/>
Surface brushes				
Surface brush 300 mm DN50	61	9.981-912.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	<input type="checkbox"/>
Cylinder brushes				
Cylinder brush Ø 101.6 mm DN40	62	9.989-047.0	Pipe vacuuming brush for vacuuming cylindrical objects, such as pipelines, diameter 101.6 mm, DN 40.	<input type="checkbox"/>
Cylinder brush Ø 101.6 mm DN50	63	9.989-050.0	Pipe vacuuming brush with 101.6 mm diameter for vacuuming cylindrical objects, such as pipelines, DN 50.	<input type="checkbox"/>
Cylinder brush Ø 203.2 mm DN40	64	9.989-048.0	Pipe vacuuming brush with 203.2 mm diameter for vacuuming cylindrical objects, such as pipelines, DN 40.	<input type="checkbox"/>
Cylinder brush Ø 203.2 mm DN50	65	9.989-051.0	Pipe vacuuming brush, DN 50 and 203.2 mm diameter, for vacuuming cylindrical objects, such as pipelines.	<input type="checkbox"/>
Cylinder brush Ø 304.8 mm DN40	66	9.989-049.0	Pipe vacuuming brush, DN 40 and 304.8 mm diameter, for vacuuming cylindrical objects, such as pipelines.	<input type="checkbox"/>
Cylinder brush Ø 304.8 mm DN50	67	9.989-052.0	Pipe vacuuming brush with 304.8 mm diameter for vacuuming cylindrical objects, such as pipelines, DN 50.	<input type="checkbox"/>

Available accessories.