

## IVS 100/55 M Z22

The IVS 100/55 M Z22 is a super-class industrial vacuum with powerful 5.5 kW side channel blower for safely vacuuming large quantities of potentially explosive M class dusts.



Order no. **9.987-899.0**

### Technical data

EAN code		4054278267579
Power supply	Ph / V / Hz	3 / 400 / 50
Air flow	l/s / m³/h	138 / 500
Vacuum	mbar / kPa	240 / 24
Container capacity	l	100
Container material		Stainless steel
Rated input power	kW	5.5
Vacuuming type		Electric
Connection nominal diameter		DN 70
Accessory nominal diameter		DN 70 / DN 50
Sound pressure level	dB(A)	77
Main filter dust class		M
Filter area for main filter	m²	2.2
Weight without accessories	kg	157
Weight incl. packaging	kg	168.5
Dimensions (L × W × H)	mm	1202 × 686 × 1500

This machine requires instruction.

### Equipment

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

■ Included in the scope of supply.



## Certified for ATEX Zone 22

- Explosion-proof industrial vacuum for safe vacuuming in ATEX Zone 22.



## Dust class M

- Complete device certified according to DIN EN 60335-2-69 for dust class M.



## Wear-resistant side channel blower

- With 5.5 kW power and soft start for large quantities of dust and solids.
- For strong suction power and service life of at least 20,000 hours.
- Suitable for multiple shift operation and/or with multiple suction points.

## ACCESSORIES FOR IVS 100/55 M Z22

9.987-899.0



		Order no.	Description	
<b>ACCESSORY SETS</b>				
<b>Accessory kit for solids/dust</b>				
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"/>
<b>NOZZLES</b>				
<b>Standard nozzles</b>				
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"/>
<b>Flexible standard nozzles</b>				
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"/>
<b>Floor nozzles</b>				
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"/>
<b>Crevice nozzles</b>				
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"/>
<b>Flexible crevice nozzles</b>				
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	
<b>NOZZLES</b>				
<b>Surface nozzles</b>				
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"/>
<b>BRUSHES</b>				
<b>Standard brushes</b>				
Standard brush 40 mm DN50	17	9.981-432.0	Flat brush nozzle DN 50.	<input type="checkbox"/>
<b>End brushes</b>				
End brush Ø 82 mm DN50	18	9.989-608.0	Electroconductive end brush with 82 mm diameter. DN 50.	<input type="checkbox"/>
<b>Surface brushes</b>				
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"/>
<b>HOSES</b>				
<b>PVC</b>				
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"/>
<b>EVA hoses</b>				
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	
<b>HOSES</b>				
<b>EVA hoses</b>				
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"/>
<b>Hose installation sets</b>				
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"/>
<b>PU hoses</b>				
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"/>
<b>ME-PU-hoses</b>				
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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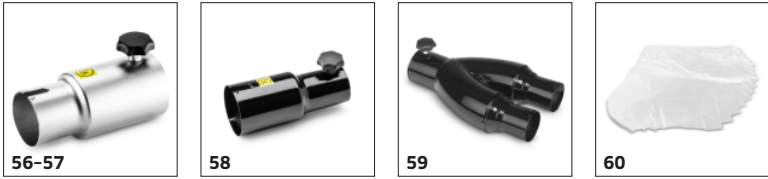
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		Order no.	Description	
<b>HOSES</b>				
<b>ME-PU-hoses</b>				
Hose ME-PU DN70 3 m	43	9.989-646.0	Oil-resistant, electroconductive ME-PU hose, DN 70. Temperature-resistant up to 110 °C, suitable for abrasive suction media. Length: 3 m.	<input type="checkbox"/>
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"/>
<b>HANDLES</b>				
Elbow aluminium 45° DN50	46	9.989-547.0	Handle with 45° bend. Made from aluminium, DN 50.	<input type="checkbox"/>
<b>SUCTION TUBES</b>				
Stainless steel suction tube 850 mm NW40	47	9.989-039.0	Stainless steel extension tube, electroconductive, NW 40. Length: 850 mm.	<input type="checkbox"/>
Stainless steel suction tube 850 mm NW50	48	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	<input type="checkbox"/>
<b>ADAPTERS / REDUCERS / DISTRIBUTORS</b>				
<b>Accessories adapter</b>				
Adapter accessories DN 50 to DN 51	49	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	50	9.989-601.0	Steel adapter for connection of DN 51 to DN 50. Electroconductive.	<input type="checkbox"/>
Adapter accessories DN50 to DN61	51	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	52	9.989-604.0	Steel adapter for connection of DN 61 to DN 50. Electroconductive.	<input type="checkbox"/>
<b>Reducers/expanders</b>				
Reducer DN 70 to DN 50	53	9.977-772.0		<input type="checkbox"/>
Reduction DN70 to DN40	54	9.989-690.0	Electroconductive steel reducer for reduction from DN 70 to DN 40.	<input type="checkbox"/>
Reduction DN50 to DN40	55	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	56	9.989-712.0		<input type="checkbox"/>

☐ Available accessories.

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		Order no.	Description	
ADAPTERS / REDUCERS / DISTRIBUTORS				
Reducers/expanders				
Stainless steel reducer DN 70 to DN 40	57	9.989-713.0		<input type="checkbox"/>
Expander				
Expansion DN50 to DN70	58	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	59	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	60	6.904-348.0	Disposal bags made from PE for low-dust container emptying.	<input type="checkbox"/>

☐ Available accessories.