

IVM 100/36-3

Three-motor, manoeuvrable and robust middle class IVM 100/36-3 industrial vacuum cleaner for universal use in industrial applications for fine and coarse solid materials. With dust class M star filter.



Order no. 9.989-950.0

- High performance with 3 turbines and 3.6 kW
- Hygienic stainless steel container, manual filter cleaning

Technical data

EAN code		4054278965710
Number of current phases	Ph	1
Voltage	V	220 - 240
Frequency	Hz	50 - 60
Air flow	l/s / m³/h	222 / 799
Vacuum	mbar / kPa	254 / 25.4
Container capacity	l	100
Container material		Stainless steel
Rated input power	kW	3.6
Vacuuming type		Electric
Connection nominal diameter		DN 70
Accessory nominal diameter		DN 50
Sound pressure level	dB(A)	79
Main filter dust class		M
Filter area for main filter	m²	2.2
Weight without accessories	kg	73
Weight incl. packaging	kg	73.9
Dimensions (L × W × H)	mm	1020 × 680 × 1720

Equipment

Main filter: Star filter

Accessories included in the scope of delivery: no

Container emptying: Set-down trolley



Fitted with three blower motors

- Powerful machine with highest possible cleaning performance in single-phase power network.

Manual filter vibration for low operating costs

- The manual filter vibration increases the working time of the permanent filter, thereby reducing the maintenance required.

Mobile stainless steel container

- The deposited container can be conveniently removed from the chassis and driven for disposal/emptying.

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		Order no.	Description	
FILTERS				
Bag/star filter				
Star filter PE M 2.2 m²	1	6.907-611.0	Star filter for dust class M, antistatic, with 448 mm diameter and 2.2 m² filter area, colour: white.	■
OTHER ACCESSORIES				
Universal accessories holder	2	9.989-789.0	Universal accessories holder for simple storage of suction tubes directly on industrial vacuums from the IVC, IVM and IVS product lines from Kärcher.	■
HANDLES				
Handle stainless steel AISI 304 DN50	3	9.989-897.0		☐
Handle straight stainless steel AISI 304 DN50	4	9.989-899.0		☐
Hand grip el. ø50mm IK50 – AK50	5	9.990-930.0		☐
Handle DN50, curved	6	9.977-678.0	Electroconductive and 45° curved handle made from stainless steel. Inner cone DN 50.	☐
Stainless steel handle NW50	7	9.988-111.0	Curved and electroconductive handle made from stainless steel. Angle 45°, inner cone NW 50.	☐
SUCTION TUBES				
Suction tube stainless steel AISI 304 DN50	8	9.989-913.0		☐
Suction tube el. ø50mm IK50 – AK50	9	9.990-934.0		☐
Suction tube 850 mm DN 50	10	9.977-531.0	850 mm long extension tube made from steel. Electroconductive and with inner cone DN 50.	☐
Aluminium suction tube 1500 mm NW50	11	9.989-035.0	Electrically conductive suction tube (1500 mm) made of aluminium with 50 mm diameter.	☐
Stainless steel suction tube 850 mm NW50	12	9.988-114.0	Electroconductive extension tube made from stainless steel. Inner cone NW 50.	☐
ACCESSORY SETS				
Accessory kit for solids/dust				
Food accessory kit Expert DN 50	13	9.989-941.0	Food accessory kit: PU hose 3 m (9.989-973.0), handle (9.989-899.0), standard nozzle (9.989-844.0), brush (9.989-880.0), reducer (9.989-712.0), adapter (9.993-011.0).	☐
Accessory kit for overhead cleaning DN 50 Expert	14	9.989-943.0	Accessory kit DN 50 for overhead cleaning: suction tubes (9.989-921.0/9.993-009.0), handles (9.989-917.0/9.989-919.0), standard nozzle (9.989-844.0), brush (9.989-880.0), adapter (9.993-011.0).	☐

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

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		Order no.	Description	
ACCESSORY SETS				
Accessory kit for solids/dust				
Floor cleaning kit dry Advanced DN 50	15	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).	☐
Accessory kit for solids/dust DN 50 Expert	16	9.989-662.0	Accessory kit DN 50 for industrial vacuum cleaners (solids and dust): EVA hose (9.988-090.0), handle (9.977-678.0), standard nozzle (9.988-402.0), reducer (9.977-772.0).	☐
NOZZLES				
Standard nozzles				
Standard nozzle silicone FDA blue DN-F50	17	9.989-841.0		☐
Standard nozzle silicone FDA green DN-F50	18	9.989-842.0		☐
Standard nozzle silicone FDA red DN-F50	19	9.989-843.0		☐
Standard nozzle silicone FDA transparent DN-F50	20	9.989-844.0		☐
Standard nozzle silicone FDA white DN-F50	21	9.989-845.0		☐
Standard nozzle silicone FDA yellow DN-F50	22	9.989-846.0		☐
Standard PVC nozzle DN50	23	9.989-673.0	Electroconductive standard PVC nozzle. DN 50.	☐
Standard nozzle silicone DN50	24	9.988-402.0		☐
Standard nozzle cuttable rubber DN50	25	9.989-675.0	Standard nozzle, electroconductive, made from cuttable rubber. DN 50.	☐
Standard aluminium nozzle DN50	26	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	☐
Flexible standard nozzles				
Standard nozzle flexible PVC DN50	27	9.981-421.0	Electroconductive, flexible round nozzle made from galvanised steel, DN 50, with rubber mouthpiece DN 30.	☐
Floor nozzles				
Floor nozzle stainless steel AISI 316L DN-F50 blue	28	9.989-862.0		☐

☐ Available accessories.

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NOZZLES				
Floor nozzles				
Floor nozzle stainless steel AISI 316L DN-F50 green	29	9.989-864.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 red	30	9.989-866.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 transparent	31	9.989-868.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 white	32	9.989-870.0		☐
Floor nozzle stainless steel AISI 316L DN-F50 yellow	33	9.989-872.0		☐
Floor nozzle stainless steel AISI 316L DN-F50	34	9.989-915.0		☐
Floor nozzle stainless steel 400 mm DN-F50	35	9.989-935.0		☐
Floor nozzle aluminium 400 mm DN-F50	36	9.989-937.0		☐
Aluminium floor nozzle 370 mm DN50	37	9.989-664.0	Floor nozzle. 370 mm, made from aluminium. DN 50.	☐
Aluminium floor nozzle 500 mm DN50	38	9.989-684.0	Floor nozzle, 500 mm, made from aluminium. Electroconductive. DN 50.	☐
Crevice nozzles				
Crevice nozzle stainless steel DN50	39	9.989-283.0		☐
Crevice nozzle PP 15 mm × 145 mm DN50	40	9.988-117.0	Electroconductive, flat multi-purpose crevice nozzle made from plastic, DN 52.	☐
Crevice nozzle 25 mm × 120 mm DN50	41	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	☐
Stainless steel crevice nozzle 22 mm × 220 mm DN 50	42	9.988-123.0	Stainless steel crevice nozzle, DN 50, suitable for use with foods.	☐

☐ Available accessories.

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NOZZLES				
Flexible crevice nozzles				
Crevice nozzle flexible silicone FDA DN-F50 transparent	43	9.989-847.0		☐
Flexible crevice nozzle 12 mm × 45 mm DN50	44	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	☐
Flexible crevice nozzle 20 mm × 45 mm DN50	45	9.981-425.0	Flexible and electroconductive crevice nozzle made from galvanised steel with 20 mm slot width, DN 50.	☐
Surface nozzles				
Silicone surface nozzle FDA blue DN-F50	46	9.989-850.0		☐
Silicone surface nozzle FDA green DN-F50	47	9.989-852.0		☐
Silicone surface nozzle FDA red DN-F50	48	9.989-854.0		☐
Silicone surface nozzle FDA transparent DN-F50	49	9.989-856.0		☐
Silicone surface nozzle FDA white DN-F50	50	9.989-858.0		☐
Silicone surface nozzle FDA yellow DN-F50	51	9.989-860.0		☐
Silicone surface nozzle 120 mm DN50	52	9.988-119.0	Electroconductive rubber nozzle, angled, DN 50, suitable for use with foods.	☐
BRUSHES				
Standard brushes				
Standard brush 40 mm DN50	53	9.981-432.0	Flat brush nozzle DN 50.	☐
End brushes				
Brush FDA blue ø 75 mm DN-F50	54	9.989-874.0		☐
Brush FDA green ø 75 mm DN-F50	55	9.989-876.0		☐
Brush FDA red ø 75 mm DN-F50	56	9.989-878.0		☐

☐ Available accessories.

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BRUSHES				
End brushes				
Brush FDA white ø 75 mm DN-F50	57	9.989-880.0		☐
Brush FDA yellow ø 75 mm DN-F50	58	9.989-882.0		☐
Surface brushes				
Surface brush 300 mm DN50	59	9.981-912.0	Vacuum brush, 300 mm, with 45° connection, with star screw, horsehair bristles.	☐
Cylinder brushes				
Cylinder brush ø 100 mm DN-F50	60	9.989-925.0		☐
Cylinder brush ø 200 mm DN-F50	61	9.989-926.0		☐
HOSES				
PO-Schläuche				
Hose PO el. ø50mm 3m	62	9.990-924.0		☐
PVC				
Hose PVC DN50 3 m	63	9.989-964.0		☐
Hose PVC DN50 5 m	64	9.989-965.0		☐
Hose PVC DN50 3 m	65	9.989-615.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 3 m.	☐
Hose PVC DN50 5 m	66	9.989-616.0	Electroconductive PVC hose, DN 50. Temperature-resistant up to 85 °C. Length: 5 m.	☐
EVA hoses				
Hose EVA, hose connectors stainless steel, DN 50 3 m	67	9.989-984.0		☐
Hose EVA, hose connectors stainless steel, DN 50 5 m	68	9.989-985.0		☐
Hose EVA NW50 3 m	69	9.988-090.0	Electroconductive hose with NW50. Suitable for temperatures up to 65°C. Length: 3 m.	☐
Hose EVA NW50 5 m	70	9.988-091.0		☐

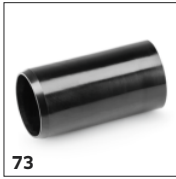
☐ Available accessories.

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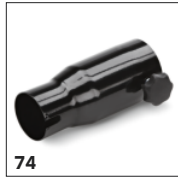
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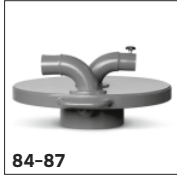
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		Order no.	Description	
HOSES				
PU hoses				
Hose PU FDA, hose connectors stainless steel, DN 50 3 m	71	9.989-973.0		☐
Hose PU FDA, hose connectors stainless steel, DN 50 5 m	72	9.989-974.0		☐
ADAPTERS / REDUCERS / DISTRIBUTORS				
Accessories adapter				
Adapter Food DN-F50	73	9.993-011.0		☐
Reducers/expanders				
Reducer DN 70 to DN 50	74	9.977-772.0		☐
Distributor				
AISI 304 stainless steel manifold DN70 to DN50	75	9.989-894.0		☐
AISI 304 stainless steel manifold DN70 to DN40	76	9.989-895.0		☐
Y distributor DN 70 to DN 50	77	9.989-611.0	Electroconductive steel fitting, DN 70/DN 50 / DN 50.	☐
Y-piece fitting DN50 to DN40	78	9.981-149.0	Manifold, electroconductive, steel, DN 50/40/40.	☐
EMPTYING SUPPORTS				
Emptying bags				
PE emptying bag dia. 540 mm 100 l	79	9.979-512.0		☐
PRE-SEPARATORS				
Pre-separator				
Pre-separator station SB 100L	80	9.982-243.0		☐
Pre-separator Ef solid materials 100 l DN70	81	9.982-238.0	Mobile pre-separator station with 100 l volume and discharge flap.	☐
Pre-separator dust 60 l DN50	82	9.989-688.0		☐
Pre-separator drum 200 l	83	9.989-685.0	Standard drum which complies with the ISO 15750-2 standard.	☐
Pre-separator lid				
Pre-separator lid DN 50, for 200 l drum	84	9.981-659.0		☐

☐ Available accessories.

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PRE-SEPARATORS				
Pre-separator lid				
Pre-separator cover Op liquids ø 575 mm DN70	85	9.981-662.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	☐
Pre-separator cover solid materials ø 517 mm DN70	86	9.981-665.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	☐
Pre-separator cover solid materials ø 575 mm DN70	87	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	☐

☐ Available accessories.