

# IVR-L 100/30 SC

Powerful IVR-L 100/30 Sc liquid and swarf vacuum. With wear-free side channel blower. Built for 3-shift operation in production. Extra long service life.







#### Order no.

#### 9.986-064.0

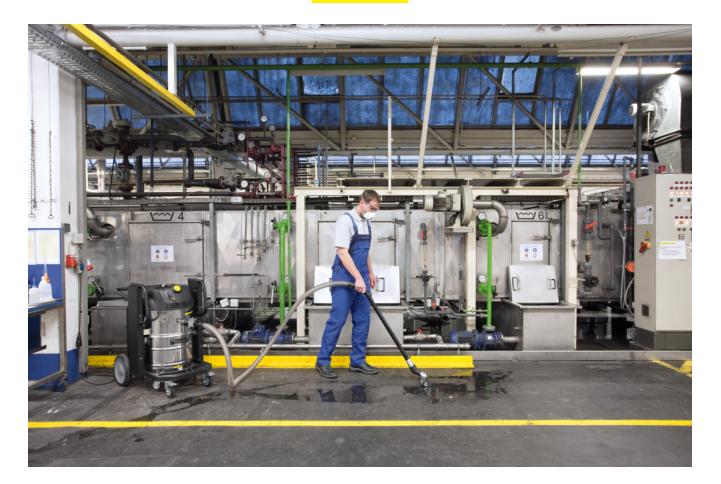
- Compact construction style that takes up very little floor space
- Sound-damping

Technical data		
EAN code		4054278030043
Current type	Ph / V / Hz	3 / 400 / 50
Air flow	l/s / m³/h	87.5 / 315
Vacuum	mbar / kPa	260 / 26
Container content	I	100
Container material		Metal
Rated input power	kW	3
Vacuuming type		Electric
Nominal size		ID 70
Accessory nominal size		ID 70 / ID 50
Main filter dust class		L
Filter area for main filter	m²	0.45
Weight without accessories	kg	132
Weight (with accessories)	kg	132
Weight incl. packaging	kg	132
Dimensions (L × W × H)	mm	850 × 760 × 1800

Equipme

Accessories included with machine	no
Container emptying	Set down chassis
Included in delivery.	

This device does not require instruction.





# High robustness, flexibility and modularity

- Machine and chassis very robust and equipped with high wall thicknesses.
- Rotatable hose connection with up to 360° rotatable pipe bend.
- Optionally available with overfill protection, strainer or accessories holder.



#### Visual filling level display

- Transparent hose for checking the amount of fluid absorbed.
- The hose is also used for easy emptying.



#### Wear-resistant side channel compressor

- With 3 kW power and soft start for vacuuming large quantities of dust and solids.
- For strong suction power and service life of at least 20,000 hours.
- Optimally suited for mobile use in multiple shift operation.

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description	
OTHER ACCESSORIES				
Baffle plate for box ø517mm	1	9.980-857.0	Baffle plate made from plastic with 517 mm diameter for containers and tanks.	
HANDLES				
Hand grip 45°, DN 52 ohne Sterngriff	2	9.977-678.0		
Hand grip curved 45°, DN 72	3	9.977-677.0		
Hand grip curved stainless steel 45°, IK	4	9.988-111.0		
SUCTION TUBES				
Suction tube carbon 1500mm DN50	5	9.989-553.0		
Extension pipe 850mm DN 50, SBG	6	9.977-531.0		
Suction tube, screw connection	7	9.981-910.0		
Extension pipe stainless steel DN50 US	8	9.989-038.0		
Hand grip curved stainless steel 45°IK D	9	9.989-035.0		
Extension pipe stainless steel DN50 IK,	10	9.988-114.0		
NOZZLES				
Standard nozzles				
Standard nozzle PVC DN50	11	9.989-673.0		
Standard nozzle PVC DN70	12	9.989-676.0		
Nozzle elastic silicon DN42	13	9.988-401.0		
Nozzle elastic silicon DN52	14	9.988-402.0		

■ Included in delivery. □ Available accessories.

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description	
NOZZLES				
Standard nozzles				
Standard nozzle Silicone DN70	15	9.989-672.0		
Standard nozzle rubber cuttable DN50	16	9.989-675.0		
Standard aluminium nozzle DN50	17	9.980-749.0	Diagonal nozzle made from anodised aluminium, electroconductive, DN 50.	
Standard nozzle Alu DN70	18	9.989-663.0		
Standard nozzles bendable				
Nozzle, zinc coated, flexible, with rubber tip	19	9.981-421.0		
Standard nozzle flexible PVC DN70	20	9.981-422.0	Flexible, electroconductive standard nozzle, DN 70, with rubber mouthpiece.	
Standard nozzle, flexible, angled 90° PP DN50	21	9.981-430.0	Flexible, electroconductive angled nozzle, DN 50, length: 800 mm.	
Floor nozzles				
Aluminium floor nozzle 200 mm DN50	22	9.981-426.0	Floor nozzle, DN 50, with 200 mm suction width.	
Floor nozzle Alu 370 mm DN50	23	9.989-664.0		
Multi-purpose nozzle 370mm el. leit., DN	24	9.987-612.0		
Floor nozzle Alu 500 mm DN50	25	9.989-684.0		
Aluminium floor nozzle, el, 500 mm, DN50	26	9.981-925.0	Floor nozzle with 500 mm suction width and hinge. DN 50, electroconductive.	
Multi-purpose nozzle 370mm el. leit., DN	27	9.988-115.0		
Floor nozzle rubber strip oil-resistant. 220 mm	28	9.981-923.0	Squeegee with plastic strip for floor nozzle, 220 mm wide.	

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



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		Order no.	Description	
NOZZLES				
Floor nozzles				
Rubber lips with molding 370mm	29	9.981-914.0		
Floor nozzle rubber strip 500 mm	30	9.981-915.0	Oil-resistant squeegee with profiled strip for floor nozzle, 500 mm wide.	
Bürstenleiste Satz elektr. leitend, für	31	9.984-939.0		
Floor nozzle brush strip 500 mm	32	9.980-764.0	Brush strip set for floor nozzle 500 mm, with profiled strip.	
Crevice nozzles				
Crevice nozzle, lightweight plastic	33	9.988-117.0		
Crevice nozzle PU 22 mm × 175 mm DN50	34	9.981-482.0	Crevice nozzle made from PU, DN 50.	
Crevice nozzle 18 mm × 120 mm DN50	35	9.981-442.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 17 mm slot width.	
Crevice nozzle 25 mm × 120 mm DN50	36	9.981-465.0	Electroconductive crevice nozzle made from sheet steel, DN 50, with 25 mm slot width.	
Crevice nozzle 28 mm × 120 mm DN70	37	9.981-444.0	Electroconductive crevice nozzle made from sheet steel, DN 70, with 30 mm slot width.	
Crevice nozzle slot nozzle V2A AK DN50	38	9.988-123.0		
Crevice nozzles bendable				
Nozzle Langschaft Silikon DN52	39	9.988-403.0		
Nozzle Crevice nozzle bendable 11 mm $\times$ 5	40	9.989-681.0		
Flexible crevice nozzle 12 mm × 45 mm DN50	41	9.981-424.0	Flexible, electroconductive galvanised crevice nozzle, DN 50, with 13 mm slot width.	
Crevice nozzle, zinc coated, flexible	42	9.981-425.0		

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description	
NOZZLES				
Surface nozzles				
Nozzle with connecting piece 90° DN50	43	9.988-119.0		
Nozzle Surface nozzle Alu 150 mm DN50	44	9.989-665.0		
Liquid nozzles				
Liquid nozzle 900 mm DN50	45	9.981-427.0	Bypass nozzle, DN 50, overall length: 1000 mm.	
Blind hole nozzles				
Nozzle Blind hole nozzle DN40	46	9.989-671.0		
Nozzle Blind hole nozzle bended 60° DN40	47	9.989-669.0		
Nozzle Blind hole nozzle bended 90° DN40	48	9.989-667.0		
Nozzle Blind hole nozzle bended 90° 200	49	9.989-670.0		
BRUSHES				
Standard brushes				
Standard brush 40 mm DN50	50	9.981-432.0	Flat brush nozzle DN 50.	
Pencil brushes				
Brush ø82 mm DN50	51	9.989-608.0		
Surface brushes				
Vacuum brush	52	9.981-912.0		
HOSES				
EVA				
Extension hose EVA el. DN52 3m	53	9.988-090.0		
Extension hose EVA el. DN52 5m	54	9.988-091.0		
ME				
Hose connection kit DN50	55	9.989-628.0		
Hose connection kit DN70	56	9.989-629.0		

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0











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		Order no.
HOSES		
PU		
Hose PU DN50 3 m	57	9.989-619.0
Hose PU DN50 5 m	58	9.989-620.0
Hose without connection PU DN50 15 m	59	9.989-638.0
Hose PU DN70 3 m	60	9.989-644.0
Hose PU DN70 5 m	61	9.989-645.0
Hose without connection PU DN70 15 m	62	9.989-639.0
ME-PU	-	1
Hose ME-PU DN50 3 m	63	9.989-623.0
Hose ME-PU DN50 5 m	64	9.989-625.0
Hose without connection ME-PU DN50 15 m	65	9.989-641.0
Hose ME-PU DN70 3 m	66	9.989-646.0
Hose ME-PU DN70 5 m	67	9.989-648.0
Hose without connection ME-PU DN70 15 m	68	9.989-642.0
ADAPTERS / REDUCERS / DISTRIBUTORS		
Adapter Accessory		
Adapter DN50/DN51	69	9.989-603.0
Adapter DN51/DN50	70	9.989-601.0

# EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



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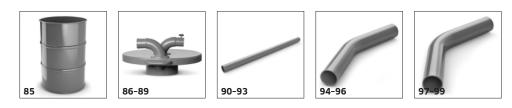






Order no. Description **ADAPTERS / REDUCERS / DISTRIBUTORS** Adapter Accessory 71 9.989-602.0 Adapter DN50/DN61 Adapter DN61/DN50 72 9.989-604.0 Reducers 73 9.977-772.0 Reducer DN 70/DN 50 (SBG) Reducer DN70/DN40 74 9.989-690.0 Reduction DN50 to DN40 75 9.981-231.0 Reducer from DN 50 to DN 40. Material: Steel, Electroconductive. Reducer V2A DN72 auf DN52 76 9.989-712.0 9.989-713.0 Reducer V2A DN70/DN40 77 Expanders Expansion DN50 to DN70 78 9.981-921.0 Reducer from external cone DN 50 to internal cone DN 70. Material: Steel. Electroconductive. Distributors Distributor DN70/DN50/DN50 79 9.989-611.0 Y-adapter ID 52 to 2  $\times$  ID 42 80 9.981-149.0 FILTERS Surface filters 81 9.980-180.0 Flat filter antistatic 0,45 m² Kat. "L" **EMPTYING SUPPORTS** Shaving baskets 82 9.980-849.0 Swarf basket 40 I Fine fleece Fine fleece, 40 I swarf basket 83 9.981-048.0 PRE-SEPARATORS Separator Tc Op Liquid 125 | DN70 84 9.989-686.0

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description	
PRE-SEPARATORS				
Pre-separators				
Pre-separator tank 200 l	85	9.989-685.0		
Pre-separator covers				
Pre-separator cover Op liquids ø 517 mm DN70	86	9.981-666.0	Pre-separator cover DN 70. Suitable for containers with 517 mm diameter.	
Pre-separator cover Op liquids ø 575 mm DN70	87	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	88	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	89	9.981-661.0	Pre-separator cover DN 70 for 200 litre standard drum (9.989-685.0).	
ACCESSORIES STATIONARY				
IV pipes				
IV pipe Ø 42.4 mm	90	9.980-451.0		
IV pipe Ø 60 mm	91	9.980-452.0		
IV pipe Ø 75 mm	92	9.980-453.0		
IV pipe Ø 100 mm	93	9.980-455.0		
IV pipe elbow 30° Ø 60.3 mm	94	9.980-545.0		
IV pipe elbow 30° Ø 76.1 mm	95	9.980-546.0		
IV pipe elbow 30° Ø 101.6 mm	96	9.980-547.0		
IV pipe elbow 45° ø 60.3 mm	97	9.980-548.0		
IV pipe elbow 45° ø 76.1 mm	98	9.980-549.0		

# EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0





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		Order no.	Description	
ACCESSORIES STATIONARY				
IV pipes				
IV pipe elbow 45° ø 101.6 mm	99	9.980-550.0		
IV pipe elbow 60° ø 60.3 mm	100	9.980-551.0		
IV pipe elbow 60° ø 76.1 mm	101	9.980-552.0		
IV pipe elbow 60° ø 60.3 mm	102	9.980-553.0		
IV pipe elbow 90° ø 42.4 mm	103	9.985-373.0	Pipe elbow, hardened, made from coated steel with 2.6 mm wall thickness and 90° bend.	
IV pipe elbow 90° ø 60.3 mm	104	9.980-554.0		
IV pipe elbow 90° ø 76.1 mm	105	9.980-555.0		
IV pipe elbow 90° ø 101.6 mm	106	9.980-556.0		
IV pipe reduction Ø 120 mm to 100 mm	107	9.981-335.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from 120 to 100 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 120 mm to 60 mm	108	9.981-337.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from DN 120 to DN 70. Length: 350 mm.	
IV pipe reduction Ø 100 mm to 75 mm	109	9.981-334.0	Steel reducer with 2 mm wall thickness for reduction from 100 to 75 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 100 mm to 60 mm	110	9.981-336.0	Steel reducer with 2 mm wall thickness for reduction from 100 to 60 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 80 mm to 75 mm	111	9.980-494.0		
IV pipe reduction Ø 80 mm to 60 mm	112	9.980-493.0		

## **EQUIPMENT FOR IVR-L 100/30 SC** 9.986-064.0







		Order no.	Description	
ACCESSORIES STATIONARY				
IV pipes				
IV pipe reduction Ø 75 mm to 60 mm	113	9.981-333.0	Reducer, painted, made from steel with 2 mm wall thickness. For reduction from 75 to 60 mm diameter. Length: 350 mm.	
IV pipe reduction Ø 60 mm to 42.2 mm	114	9.981-228.0		
IV pipe manifold 30° branch Ø 120 mm to 100 mm	115	9.981-129.0		
IV pipe manifold 30° branch Ø 120 mm to 75 mm	116	9.981-127.0		
IV pipe manifold 30° branch Ø 100 mm to 75 mm	117	9.981-126.0		
IV pipe manifold 30° branch Ø 100 mm to 60 mm	118	9.981-124.0		
IV pipe manifold 30° branch Ø 75 mm to 60 mm	119	9.981-123.0		
IV pipe manifold 30° branch Ø 60 mm to 42.4 mm	120	9.981-258.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 60/60/42.4 mm.	
IV pipe manifold 30° branch Ø 120 mm	121	9.981-130.0		
IV pipe manifold 30° branch Ø 100 mm	122	9.981-128.0		
IV pipe manifold 30° branch Ø 75 mm	123	9.981-125.0		
IV pipe manifold 30° branch Ø 60 mm	124	9.981-122.0		
IV pipe manifold 30° branch Ø 42.4 mm	125	9.981-259.0	Pipe branch, 600 mm long, made from steel with 30° bend and 2 mm wall thickness. Diameter: 42.4/42.4/42.4 mm.	
IV pipe manifold Y-piece Ø 120 mm to 100 mm	126	9.981-135.0		

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0









		Order no.
ACCESSORIES STATIONARY		1
IV pipes		
IV pipe manifold Y-piece Ø 100 mm to 75 m	n 127	9.981-134.0
IV pipe manifold Y-piece Ø 80 mm to 60 mm	128	9.981-133.0
IV pipe manifold Y-piece Ø 75 mm to 60 mm	129	9.981-132.0
IV pipe manifold Y-piece Ø 60 mm to 42 mm	130	9.981-131.0
IV pipe connections / clamps		1
IV pipe coupling Ø 42.4 mm	131	9.980-445.0
IV pipe coupling Ø 60 mm	132	9.980-446.0
IV pipe coupling Ø 75 mm	133	9.980-447.0
IV pipe coupling Ø 100 mm	134	9.980-449.0
IV pipe clamp Ø 41 - 44 mm	135	9.980-463.0
IV pipe clamp Ø 60 - 63 mm	136	9.980-464.0
IV pipe clamp Ø 74 - 78 mm	137	9.980-465.0
IV pipe clamp Ø 99 - 103 mm	138	9.980-466.0
IV pipe clamp Ø 116 - 120 mm	139	9.980-467.0
IV pipe floor support	140	9.981-118.0

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0















		Order no.	Description	
ACCESSORIES STATIONARY				
IV pipe connections / clamps				
End piece internal cone DN40-ø42,4x2,0	141	9.981-256.0		
IV pipe on hose adapter, female Ø 60 to DN50	142	9.981-166.0		
IV pipe on hose adapter, female Ø 75 to DN70	143	9.981-170.0		
IV pipe on hose adapter, male Ø 42.2 to DN40	144	9.981-257.0	Steel adapter with 2 mm wall thickness. For connecting pipe and hose, DN 40, to diameter 42.4 $\times$ 2.0 mm.	
IV pipe on hose adapter, male Ø 60 to DN50	145	9.981-332.0	Steel reducer with 2 mm wall thickness. End piece with external cone DN 50 to diameter $60.0 \times 2.0$ mm.	
IV pipe on hose adapter, male Ø 75 to DN70	146	9.981-195.0		
Suction point accessories				
Suction point standard PVC nozzle DN40	147	9.981-454.0	Elastic nozzle DN 40 for jet cookers.	
Suction point standard PVC nozzle DN50	148	9.981-455.0	Elastic nozzle DN 50 for jet cookers.	
Suction point, standard brush DN40	149	9.981-436.0	Steel brush nozzle with 2.6 mm wall thickness for jet cookers, DN 40.	
Suction point nozzle holder	150	9.981-520.0	For mounting intended nozzle holders made from steel to a wall. Suitable for nozzles with DN 40, DN 50 and DN 70.	
Suction point nozzle holder with limit switch	151	9.982-111.0	Jet cookers with sensor, for wall mounting. Suitable for nozzles DN 40, DN 50 and DN 70.	
Suction point hose hanger with limit switch ø 60 mm	152	9.982-083.0	Hose holder with limit switch for fastening to pipelines with 60 mm diameter.	
Suction point hose hanger with limit switch ø 75 mm	153	9.982-092.0	Hose holder with limit switch for fastening to pipelines with 75 mm diameter.	
Suction point hose hanger with limit switch	154	9.982-093.0	Hose holder with limit switch for wall mounting.	

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## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description	
ACCESSORIES STATIONARY				
Suction point accessories				
Suction point suction arm DN50 without hose	155	9.981-776.0	Swivel arm DN 50 with relevant wall mounting. Arm length: 2 m.	
Suction point suction arm DN70 without hose	156	9.981-775.0	Swivel arm DN 70 with relevant wall mounting. Arm length: 2 m.	
Suction point suction arm DN50 without hose	157	9.981-781.0	Swivel arm DN 50 with floor support (100 × 100 mm), arm length: 2 m.	
Suction point suction arm DN70 without hose	158	9.981-780.0	Swivel arm DN 70 with floor support (100 × 100 mm), arm length: 2 m.	
Suction point suction arm DN70	159	9.981-920.0	Suction arm DN 70 to DN 100, arm length: 2.5 m.	
Suction point suction arm DN100	160	9.983-121.0	Suction arm DN 100, arm length: 2.5 m. Suction head with 150 mm diameter.	
Suction point hose PVC DN40 3m	161	9.989-701.0		
Suction point hose PVC DN40 5m	162	9.989-702.0		
Suction point hose PVC DN50 3m	163	9.989-693.0		
Suction point hose PVC DN50 5m	164	9.989-694.0		
Suction point hose PVC DN70 3m	165	9.989-703.0		
Suction point hose PVC DN70 5m	166	9.989-704.0		
Suction point hose PU DN40 3m	167	9.989-705.0		
Suction point hose PU DN40 5m	168	9.989-706.0		

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



	Order no.	Description	
169	9.989-695.0		
170	9.989-696.0		
171	9.989-707.0		
172	9.989-708.0		
173	9.989-697.0		
174	9.989-698.0		
175	9.989-699.0		
176	9.989-700.0		
177	9.989-654.0		
178	9.989-653.0		
179	9.989-652.0		
180	9.981-142.0	Steel hose connection piece with 2 mm wall thickness and DN 40 external cone.	
181	9.980-472.0		
182	9.981-144.0	Steel hose connection piece with 2 mm wall thickness and DN 70 external cone.	
	170     171     172     173     174     175     176     177     178     179     180     181	169   9.989-695.0     170   9.989-696.0     171   9.989-707.0     172   9.989-708.0     173   9.989-697.0     174   9.989-698.0     175   9.989-699.0     176   9.989-699.0     177   9.989-653.0     178   9.989-653.0     179   9.989-652.0     180   9.981-142.0	169 9.989-695.0   170 9.989-696.0   171 9.989-707.0   172 9.989-708.0   173 9.989-697.0   174 9.989-698.0   175 9.989-699.0   176 9.989-700.0   177 9.989-654.0   178 9.989-653.0   179 9.989-652.0   180 9.981-142.0 Steel hose connection piece with 2 mm wall thickness and DN 40 external cone.   181 9.980-472.0

## EQUIPMENT FOR IVR-L 100/30 SC 9.986-064.0



		Order no.	Description				
ACCESSORIES STATIONARY							
Suction point accessories							
Hose connection rotatable DN40 V2A	183	9.989-716.0					
Tube rotatable ø54 V2A	184	9.989-714.0					
Hose connection piece AK DN40 V2A	185	9.989-717.0					
Hose connection outside cone DN50, V2A	186	9.989-715.0					
Hose installation kit DN40 without end pieces	187	9.981-563.0	Installation kit for hose connections NW 40. Comprising 2 hose sleeves and pipe clamps.				
Hose installation kit DN50 without end pieces	188	9.981-561.0	Installation kit for hose connections NW 50. Comprising 2 hose sleeves and pipe clamps.				
Hose installation kit DN70 without end pieces	189	9.981-562.0	Installation kit for hose connections NW 70. Comprising 2 hose sleeves and pipe clamps.				