



## IV 100/55

Robust, continuous duty three-phase industrial vacuum with 100 litre capacity and 5.5kW motor.



### 1 Maintenance-free direct drive

- The direct drive ensures maximum efficiency and reliability. Its rugged design makes it suitable for multi-shift use.

### 3 Manual filter vibration for low operating costs

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

### 2 High-quality star filter made from polyester fleece

- With manual filter cleaning, the star filter's filter area, which is up to 4.3 m<sup>2</sup>, ensures long maintenance intervals.

### 4 Waste container with set-down mechanism

- The waste container with set-down mechanism ensures ergonomic emptying, even when the vacuumed waste is heavy.



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- Antistatic equipment
- Filter status indicator
- Terminal reverse plug

### Technical data

<b>Order Number</b>	1.573-700.0	
<b>EAN code</b>	4039784731202	
<b>Current type</b>	<b>Ph / V / Hz</b>	3 / 400 / 50
<b>Air flow</b>	<b>l/s / m³/h</b>	139 / 500
<b>Vacuum</b>	<b>mbar / kPa</b>	280 / 28
<b>Container capacity</b>	<b>l</b>	100
<b>Motor rating</b>	<b>kW</b>	max. 6
<b>Power rating in operation</b>	<b>kW</b>	5,5
<b>Filter area</b>	<b>m²</b>	2,2
<b>Nominal size</b>	ID 61	
<b>Accessory nominal size</b>	ID 61 / ID 51	
<b>Sound level</b>	79	
<b>Weight</b>	<b>kg</b>	155
<b>Dimensions (L x W x H)</b>	<b>mm</b>	1220 × 670 × 1530

### Equipment

<b>Accessories included with machine</b>	No
<b>Matching container (wet)</b>	6.394-824.0
<b>Matching container (dry)</b>	6.394-823.0
<b>Recommended for multi-shift operation</b>	■
<b>Optional remote control</b>	-

■ Included in delivery.

# ACCESSORIES FOR IV 100/55

## 1.573-700.0

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		Order Number	Quantity	ID	Length / width	Price	Description	
<b>Adapter</b>								
DN61 suction connection	1	6.789-004.0	1 piece(s)	ID 61			Connector for operation of DN 61 industrial hoses on one IV	<input checked="" type="checkbox"/>
DN51 suction connection	2	6.789-003.0	1 piece(s)	ID 51			Connector for operation of DN 51 industrial hoses on one IV	<input type="checkbox"/>
Y-piece connector	3	6.789-001.0	1 piece(s)	ID 51			Connector for operation of two DN 51 industrial hoses on one IV	<input type="checkbox"/>
	4	6.789-002.0	1 piece(s)	ID 61			Connector for operation of two DN 61 industrial hoses on one IV	<input type="checkbox"/>
Reducer, ID 61 to ID 51	5	6.902-147.0	1 piece(s)	ID 61			Reducer for connecting DN 51 accessories to a DN 61 suction hose	<input type="checkbox"/>
Adapter	6	6.906-799.0	1 piece(s)	ID 51			Connecting sleeve to connect two DN 51 suction hoses to each other.	<input type="checkbox"/>
Connecting sleeve	7	6.906-800.0	1 piece(s)	ID 61			Connecting sleeve to connect two DN 61 suction hoses to each other.	<input type="checkbox"/>
Hose connector	8	6.906-810.0	1 piece(s)	ID 51			Connector with live ring for the repair and manufacture of special hose lengths	<input type="checkbox"/>
	9	6.906-811.0	1 piece(s)	ID 61				<input type="checkbox"/>
Adapter IV to DN72	10	6.902-212.0	1 piece(s)	ID 72				<input type="checkbox"/>
<b>Filter</b>								
Star filter, white, IV 60 and IV 100/40-55	11	6.904-341.0	1 piece(s)				Star filter, white, replacement for IV 60 and 100 but not "M B1" and not 100/75	<input checked="" type="checkbox"/>
Star filter, green, approved for IV 60 and IV 100/40-55 M	12	6.904-342.0	1 piece(s)				"Star filter, green, replacement for IV 60 and 100 M B1 but not 100/75 (M B1); must be used for M B1 machines!"	<input type="checkbox"/>
Cpl. BIA-H absolute filter for IV 60 - 100	13	6.904-365.0	1 piece(s)				With mounting parts	<input type="checkbox"/>
BIA-H absolute filter (replacement)	14	6.904-345.0	1 piece(s)				Absolute filter BIA-H as a replacement for 6.904-365.0 and IV 100/55 H B1	<input type="checkbox"/>
Paper disposal bags, 60 - 100 l, 10 pcs	15	6.904-347.0	10 piece(s)				Disposal sack, paper, 100 l for dust-free disposal	<input type="checkbox"/>
Disposal bags, PE, 60-100 l, 20 pcs	16	6.904-348.0	20 piece(s)				Disposal sack PE 20 pcs 60/100 l for dust-free disposal	<input type="checkbox"/>
	17	6.907-336.0	5 piece(s)					<input type="checkbox"/>
<b>Stainless steel bends</b>								
Stainless steel bend with nylon ring	18	6.906-767.0	1 piece(s)	ID 51			The stainless steel bend is equipped with a nylon ring in the upper cone area. This ring facilitates the loosening of the bend even after being used for a long time.	<input type="checkbox"/>
Bend (stainless steel)	19	6.906-850.0	1 piece(s)	ID 61				<input type="checkbox"/>
<b>Suction tubes stainless steel</b>								
Stainless steel suction tube with nylon ring	20	6.906-766.0	1 piece(s)	ID 51	500 mm		The suction tube (0.5 m) is equipped with a nylon ring in the upper cone area. This ring facilitates the loosening of the bend even after being used for a long time.	<input type="checkbox"/>
Suction tube (stainless steel)	21	6.906-851.0	1 piece(s)	ID 61	500 mm			<input type="checkbox"/>
<b>Floor nozzles</b>								
Brush strip	22	6.903-067.0	2 parts		500 mm			<input type="checkbox"/>
Rubber strip set	23	6.903-081.0	2 parts		370 mm		Rubber strip set 370 mm, oil-resistant, for floor nozzle 4.130-408.0	<input type="checkbox"/>
Floor nozzle cpl. 500 mm	24	4.130-412.0	1 piece(s)	ID 51	500 mm		"Aluminium, oil-proof, 500 mm, with height-adjustable rollers, strips and rubber lips; strip set 6.903-067.0; rubber lip set 6.906-168.0"	<input type="checkbox"/>
Rubber strip set	25	6.906-168.0	2 parts		500 mm		Rubber strip set 500 mm, oil-resistant, for floor nozzles 4.130-413.0 and -412.0	<input type="checkbox"/>
Floor nozzle cpl. 500 mm	26	4.130-413.0	1 piece(s)	ID 61	500 mm		Aluminium, oil-proof, 500 mm, with height-adjustable rollers, strips (6.903-067.0) and rubber lips (6.906-168.1)	<input type="checkbox"/>
Floor nozzle, "heavy duty"	27	6.906-793.0	1 piece(s)	ID 51	500 mm		Floor nozzle, cast aluminium with height-adjustable rollers for demanding applications	<input type="checkbox"/>
	28	6.906-802.0	1 piece(s)	ID 61	500 mm			<input type="checkbox"/>

■ Included in delivery. □ Available accessories.

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		Order Number	Quantity	ID	Length / width	Price	Description	
Rubber strip, floor nozzle 500 mm	29	6.906-833.0	1 piece(s)		500 mm		Rubber strip 500 mm, oil-resistant, for floor nozzles 6.906-793.0 and -802.0	<input type="checkbox"/>
Triangular nozzle (cast aluminium, rubber strip)	30	6.906-796.0	1 piece(s)	ID 51	300 mm		Flat surface nozzle 300 mm cast aluminium for demanding applications	<input type="checkbox"/>
	31	6.906-805.0	1 piece(s)	ID 61	300 mm			<input type="checkbox"/>
Steel strip for triangular nozzle	32	6.906-835.0	1 piece(s)		300 mm		Steel bar 300 mm, for flat surface nozzle 6.906-796.0 and -805.0 Replacement for 6.906-795.0 and -804.0	<input type="checkbox"/>
Rubber strip for triangular nozzle	33	6.906-834.0	1 piece(s)		300 mm		Rubber strip 300 mm, oil-resistant, for flat surface nozzles 6.906-796.0 and -805.0	<input type="checkbox"/>
	34	6.906-814.0	1 piece(s)	ID 51	370 mm			<input type="checkbox"/>
<b>Other nozzles</b>								
45° rubber suction nozzle	35	6.902-146.0	1 piece(s)	ID 51	220 mm		Angled 45°, for suction of machines, oil-resistant	<input type="checkbox"/>
	36	6.902-106.0	1 piece(s)	ID 61	220 mm			<input type="checkbox"/>
Conical rubber attachment	37	6.906-764.0	1 piece(s)	ID 51	370 mm		Suction nozzle DN 51, rubber, round	<input type="checkbox"/>
Angled round brush	38	6.906-798.0	1 piece(s)	ID 51	120 mm		Flat surface nozzle, round, with brush, for the gentle vacuuming of machine surfaces	<input type="checkbox"/>
Round brush crown (replacement)	39	6.906-809.0	1 piece(s)				For round brushes 6.906-798.0 and 6.906-807	<input type="checkbox"/>
Straight nozzle with angled brush	40	6.906-797.0	1 piece(s)	ID 51	370 mm		Flat surface nozzle, round, with brush, for the gentle vacuuming of machine surfaces	<input type="checkbox"/>
Straight brush crown (replacement)	41	6.906-808.0	1 piece(s)				For brushes, straight 6.906-797.0 and 6.906-806.0	<input type="checkbox"/>
Plastic suction nozzle	42	6.906-773.0	1 piece(s)	ID 51	100 mm		Suction nozzle DN 51, plastic, 120 mm, for suction of machines and small surfaces	<input type="checkbox"/>
	43	6.903-056.0	1 piece(s)	ID 61	100 mm			<input type="checkbox"/>
Metal scratcher and scraper nozzle	44	6.906-770.0	1 piece(s)	ID 51	117 mm		Scratcher and scraper tool DN 51, sheet metal, 117 mm	<input type="checkbox"/>
	45	6.903-360.0	1 piece(s)	ID 61	104 mm			<input type="checkbox"/>
Aluminium surface nozzle	46	4.130-414.0	1 piece(s)	ID 51	200 mm		Flat surface nozzle cpl. DN 51, 200 mm, aluminium with brush and stainless steel bumper	<input type="checkbox"/>
	47	4.130-415.0	1 piece(s)	ID 61	200 mm			<input type="checkbox"/>
Pipe suction nozzle	48	6.906-837.0	1 piece(s)	ID 51			Plastic for 250 mm dia. pipes	<input type="checkbox"/>
<b>Crevice tools</b>								
Grout nozzle, synthetic	49	6.906-768.0	1 piece(s)	ID 51	370 × 50 mm		Plastic, 370 mm	<input type="checkbox"/>
	50	6.900-222.0	1 piece(s)	ID 61	370 × 64 mm			Grout nozzle, plastic, 370 mm
Grout nozzle, stainless steel	51	6.906-771.0	1 piece(s)	ID 51	400 × 70 mm		Grout nozzle, stainless steel, 400 mm	<input type="checkbox"/>
	52	6.900-926.0	1 piece(s)	ID 61	370 × 90 mm			<input type="checkbox"/>
Grout nozzle, stainless steel, curved	53	6.906-831.0	1 piece(s)	ID 51	460 × 75 mm		Grout nozzle, curved, stainless steel	<input type="checkbox"/>
<b>PVC hoses</b>								
Plastic hose	54	6.906-791.0	1 piece(s)	ID 51	5 m		Suction hose, e.c., 5 m, PVC very flexible and light for all common applications	<input type="checkbox"/>
	55	6.906-787.0	1 piece(s)	ID 51	10 m			<input type="checkbox"/>
	56	6.906-781.0	1 piece(s)	ID 61	5 m			<input type="checkbox"/>
	57	6.906-782.0	1 piece(s)	ID 61	10 m			<input type="checkbox"/>
<b>PU hoses</b>								
PU hose	58	6.906-786.0	1 piece(s)	ID 51	5 m		Suction hose, e.c., 5 m, PU for higher demands and abrasive substances	<input type="checkbox"/>
Hose	59	6.906-788.0	1 piece(s)	ID 51	10 m		Suction hose, e.c., 10 m, PU for higher demands and abrasive substances	<input type="checkbox"/>

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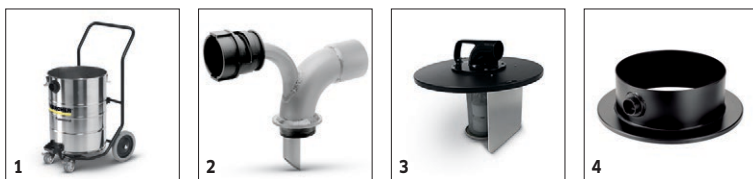


		Order Number	Quantity	ID	Length / width	Price	Description	
PU hose	60	6.906-777.0	1 piece(s)	ID 61	5 m		Suction hose, e.c., 5 m, PU for higher demands and abrasive substances	<input type="checkbox"/>
	61	6.906-778.0	1 piece(s)	ID 61	10 m		Suction hose, e.c., 10 m, PU for higher demands and abrasive substances	<input type="checkbox"/>
<b>Rubber hoses</b>								
Rubber hoses	62	6.906-789.0	1 piece(s)	ID 51	5 m		Suction hose, e.c., 5 m, rubber for predominantly stationary applications and most severe conditions	<input type="checkbox"/>
	63	6.906-779.0	1 piece(s)	ID 61	5 m			<input type="checkbox"/>
<b>Metal hoses</b>								
Metal hoses	64	6.906-784.0	1 piece(s)	ID 51	5 m		Suction hose, e.c. 5 m, metal for hot media up to 400°C, not suitable for fluids	<input type="checkbox"/>
	65	6.906-775.0	1 piece(s)	ID 61	5 m			<input type="checkbox"/>
<b>Suction container</b>								
Disposal system Longopac	66	2.013-050.0	1 piece(s)					<input type="checkbox"/>
Cpl. stainless steel container (replacement) 100 l	67	4.070-838.0	1 piece(s)				100 litre stainless container for dry and wet pick up, without drain valve (ABS liquid)	<input type="checkbox"/>
Conversion kit liquid	68	2.882-695.0	1 piece(s)				Includes drain valve and coarse screen for IVC container	<input type="checkbox"/>
Cpl. IV chip basket	69	6.394-530.0	1 piece(s)				Swarf basket cpl. for all IV 60 and IV 100 in conjunction with the wet container	<input type="checkbox"/>
	70	2.050-078.0	1 piece(s)					<input type="checkbox"/>
	71	6.394-823.0	1 piece(s)					<input type="checkbox"/>
	72	6.394-824.0	1 piece(s)					<input type="checkbox"/>
<b>Zubehörsets IV, IVL</b>								
Industrial kit for lighter-duty applications	73	2.641-177.0	7 parts	ID 51			1 x 4.130-412.0 floor nozzle DN 51, aluminium, 500mm 1 x 6.906-773.0 suction nozzle DN 51, plastic 1 x 6.906-768.0 grout nozzle DN51, plastic 1 x 6.906-767.0 bend DN51, stainless steel 2 x 6.906-766.0 suction tube 0.5 m, DN51, stainless steel 1 x 6.906-791.0 suction hose plastic, DN 51, 5m	<input type="checkbox"/>
Industrial kit for demanding applications	74	2.641-178.0	7 parts	ID 51			1 x 6.906-793.0 floor nozzle DN 51, H-D, 500 mm 1 x 6.906-773.0 suction nozzle DN 51, plastic 1 x 6.906-768.0 grout nozzle DN 51, plastic 1 x 6.906-767.0 bend DN 51, stainless steel 2 x 6.906-766.0 suction tube 0.5 m DN 51, stainless steel 1 x 6.906-786.0 suction hose PU, DN 51, 5 m	<input type="checkbox"/>
Industrial kit for lighter-duty applications	75	2.641-175.0	7 parts	ID 61			1 x 4.130-413.0 floor nozzle DN 61, aluminium, 500mm 1 x 6.903-056.0 suction nozzle DN 61, plastic 1 x 6.900-222.0 grout nozzle DN51, plastic 1 x 6.906-850.0 bend DN 61, stainless steel 2 x 6.906-851.0 suction tube 0.5 m, DN 61, stainless steel 1 x 6.906-781.0 suction hose plastic, DN 61, 5m	<input type="checkbox"/>
Industrial kit for demanding applications	76	2.641-176.0	7 parts	ID 61			1 x 6.906-802.0 floor nozzle DN 61, H-D, 500 mm 1 x 6.903-056.0 suction nozzle DN 61 plastic 1 x 6.900-222.0 grout nozzle DN 61 plastic 1 x 6.906-850.0 bend DN 61 stainless steel 2 x 6.906-851.0 suction tube 0.5 m, DN 61, stainless steel 1 x 6.906-777.0 suction hose PU DN 61, 5 m	<input type="checkbox"/>
<b>Miscellaneous</b>								
Crane- & forklift-emptying device	77	2.642-842.0	1 piece(s)					<input type="checkbox"/>

■ Included in delivery. □ Available accessories.

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		Order Number	Quantity	ID	Length	Width	Price	Description	
<b>Other</b>									
Pre-separator	1	3.864-010.0	1 piece(s)						<input type="checkbox"/>
Barrel separator	2	3.864-012.0	1 piece(s)						<input type="checkbox"/>
Lid for separator	3	4.063-132.0	1 piece(s)						<input type="checkbox"/>
Adapter ring for 200 l drum	4	6.902-051.0	1 piece(s)						<input type="checkbox"/>

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