

Everything that industry needs.

One thing above all is vital for industrial applications: absolute reliability. If, for example, the dirt removal stops working or if machines cannot be cleaned, breakdown costs quickly accumulate. Kärcher cleaning machines for industry are innovative and tried and tested complete solutions, from industrial vacuums and parts cleaners to dry ice blasters. With extensive experience in the risk-free handling of hazardous dirt, Kärcher ensures that companies can concentrate on production.



1 Industrial vacuuming

Kärcher industrial vacuums have been specially designed to handle demanding tasks: the vacuuming of large amounts of the coarsest dirt. These vacuum classes are impressively low-maintenance thanks to the superior technology behind them. And high power at low costs.

2 Perfect, part for part

Kärcher parts cleaners are optimal for cleaning, degreasing, removing oil and conserving components. Easy to use. Conserves the environment because they do not use solvents. This makes them indispensable to many fields: production, service, maintenance, recycling and metal-working.

3 Ultra-high-pressure – hot and cold

Kärcher ultra-high-pressure machines are there whenever the cleaning performance of conventional high-pressure cleaners no longer suffices. With cold or hot water at 600 – 2500 bar of pressure even the most stubborn dirt and coatings can be reliably removed without adding cleaning agents. The main areas of application include facade cleaning, renovation and industrial cleaning jobs.

4 Stationary high-pressure

Kärcher stationary high-pressure cleaners are especially efficient and economical. And indispensable wherever high pressure is needed for cleaning and disinfecting: in the food, drink or chemical industries as well as in numerous other areas in which high-pressure cleaning is essential.

5 Ice and dry

The innovative blasting process works fully without residues using dry ice pellets made of deep-frozen CO₂ gas. This process provides maximum protection of surfaces and is especially well-suited to removing binding and release agents, silicone and rubber residue, oil, grease, pitch, bitumen, ink, resin, paint and varnish, graffiti and much more besides.

6 Container cleaning

Kärcher provides support to industrial companies in all matters concerning container cleaning. We advise, plan, build, install and then commission the system once complete. We pass on our wide range of experience in customer service and questions regarding cleaning agents.

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Further industrial devices can be found in the corresponding product groups.

Entry-level class for industry.

The entry-level wet and dry vacuum cleaners are ideal for light industrial applications: Powerful suction fans and large capacity waste containers quickly deal with coarse dirt and litter. Type B1 (Z22) machine complies with European equipment directives 94/9 EC (ATEX) for use in hazardous locations.



With rot-proof filter

The filter made of PES material is approved for class M dusts.



Easy to empty

Alle 1-Phasen Geräte sind mit einem Kippfahrgestell ausgerüstet, über das der Schmutzbehälter leicht entleert werden kann.



Stainless steel waste container

For all industrial-class stainless steel NT vacuum cleaners.



Accessory holders

Hose, tube and accessories are neatly accommodated on the machine for quick access and easy transportation.



NT 80/1 B1 M

Suitable and approved for picking up combustible dusts of explosive dust classes in zone 22 as well as class M dusts that are hazardous to health.



NT 993 I with overflow protection

A new double float system switches off the motor when the maximum fluid level is reached in the container. Fine dust is retained by the BIA-C cartridge filter.



Integrated drain hose

The dirt in the container can be conveniently emptied using the drain hose.



NT 72/2 Eco Tc IV

- Antistatic construction
- Drain hose (oil-resistant)
- Tilting chassis
- Industrial-grade double casters (with brake, oil-resistant)



NT 802 I

- Drain hose
- Mechanical double float shutdown



NT 802 IV

- Drain hose
- Mechanical double float shutdown
- Oil-resistant
- Industrial-grade double casters (with brake, oil-resistant)



NT 80/1 B1 M IV

- Stainless steel container
- Filter condition indicator
- Industrial-grade double casters (with brake, oil-resistant)



NT 993 I

- Drain hose (oil-resistant)
- Three-phase unit for continuous-duty operation (3-Ph/400 V/ 50 Hz)
- Mechanical double float shutdown

Technical data

Air flow rate	l/s	2x56	2x57	2x57	l/s	56	73
Vacuum	mbar/kPa	235/23.5	235/23.5	235/23.5	mbar/kPa	235/23.5	300/30
Container capacity	l	72	80	80	l	80	105
Motor rating	W	2750	2760	2760	W	1380	4000
Length of cord access.	m	10	10	10	m	10	10
Sound pressure level	dB (A)	74	76	76	dB (A)	70	76
Standard nominal width	ID	40 (with adapter 4.470-038.0, DN 51)	61 (with adapter 4.470-038.0, ID 51)	61 (with adapter 4.470-038.0, ID 51)	ID	40 B1	40
Weight	kg	27	37	37	kg	29.5	78
Dimensions (L x W x H)	cm	700x520x1000	680x560x1050	680x560x1050	cm	660x520x1078	1170x590x1070
Power supply	Ph/V/Hz	1/230/50-60	1/230/50-60	1/230/50-60	Ph/V/Hz	1/230/50-60	3/400/50

Equipment

Stainless steel container	Tilting frame	Tilting frame	Tilting frame	Tilting frame	Tilting frame
Crevice nozzle	■	-	-	■	■
Wet and dry floor tool	370 mm/aluminium	-	-	360 mm	450 mm/aluminium
Cartridge filter	-	2 piece	2 piece	■	■
Flat pleated filter	■	-	-	■	■
Suction hose	4 m, with module and elbow	-	-	4 m electroconductive	4 m, with bend
Order no.	1.667-651.0	1.449-141.0	1.449-741.0	1.667-601.0	1.297-101.0
Price					

■ Included in delivery.

Compact class: the new standard for industrial vacuum cleaners.

The compact class is flexible and mobile. The IV 60/24-2 W and IV 60/36-3 W wet and dry vacuum cleaners work with two or three separately switched motors and a single-phase power supply. The three-phase IV 60/30 is suitable for continuous-duty applications at different locations. Due to its side-channel compressor, it is suitable for use as an extractor on production machines, even when they are run on a two or three-shift basis.



Mobile

The compact construction and an ergonomically designed push handle make the IV 60 models flexible and ideal for mobile applications.



Convenient

The additional chip basket allows separation and disposal of shavings and cooling fluids easily.



Heavy-duty

The longlife side-channel compressor enables the IV 60/30 / M B1 and the IV 60/27-1 M B1 to be used as stationary units in multiple-shift applications.



Versatile

The extensive range of accessories makes ergonomic and economical cleaning solutions for numerous applications possible.



Economical

The mechanical filter shaker greatly extends the service life of the 2.3 m³ permanent filter. It helps reduce maintenance and saves costs.



Safe

Kärcher accessories for industrial vacuum cleaners are electrically conductive and can be used in all of our industrial vacuum cleaners.



Inspected for dust classes M and B1 (Z 22)

The wet and dry vacuum cleaners IV 60/27-1 M B1 and IV 60/30 M B1 are suitable for even explosive dusts of the classes ST 1, ST 2 and ST 3 in zone 22.



IV 60/24-2 W

- Antistatic equipment
- Robust wheels and guide rolls
- Operation of 1 or 2 motors as necessary



IV 60/36-3 W

- Push handle
- Antistatic equipment
- Operation of 1 or 3 motors as necessary



IV 60/30

- Antistatic equipment
- Built-in filter condition indicator
- Pole reversing plug



IV 60/27-1 M B1

- Antistatic equipment
- Built-in filter condition indicator
- Robust wheels and guide rolls



IV 60/30 M B1

- Antistatic equipment
- Built-in filter condition indicator
- Pole reversing plug

Technical data

	Ph/V/Hz	1/230/50-60	1/230/50-60	3/400/50	Ph/V/Hz	1/230/50	3/400/50
Power supply	Ph/V/Hz	1/230/50-60	1/230/50-60	3/400/50	Ph/V/Hz	1/230/50	3/400/50
Air flow rate	l/s	2x56	3x56	68	l/s	65	68
Vacuum	mbar/kPa	235/23.5	235/23.5	286/28.6	mbar/kPa	240/24	286/28.6
Container capacity	l	60	60	60	l	60	60
Motor rating	kW	2.4	3.6	3.5	kW	2.7	3.5
Power rating in operation	kW	2.4	3.6	3	kW	2.7	3
Filter area	cm ²	23000	23000	23000	cm ²	23000	23000
Standard nominal width	ID	51	51	51	ID	51	51
Sound pressure level	dB (A)	73	73	75	dB (A)	71	75
Length of cord access.	m	8	8	8	m	8	8
Weight	kg	70	72	96	kg	100	104
Dimensions (L x W x H)	mm	870x640x1410	870x640x1410	870x640x1650	mm	870x640x1820	870x640x1820

Equipment

Accessories included with machine	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾
Is delivered without a container	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾
Container for wet pickup	6.394-528.0	6.394-528.0	6.394-528.0	-	-	-
Container for dry applications	6.394-523.0	6.394-523.0	6.394-523.0	6.394-523.0	6.394-523.0	6.394-523.0
Manual filter cleaning	■	■	■	■	■	■
Dust class / type	■/-	■/-	■/-	M/B1	M/B1	M/B1
Order no.	1.573-202.0	1.573-302.0	1.573-501.0	1.573-150.0	1.573-550.0	
Price						

■ Included in delivery. ¹⁾Please order separately.

Standard equipment

Filter system
Star filter with large filter area
Manual filter shaker
Filter condition indicator
Cyclone separator
Stability
Robust metal chassis
Robust metal container
Comfort
Special power cable holder
Stowage compartment for nozzles and tools
Convenient lever-operated dump
Suction pipe retainer for easy mobility
Other
Accessory connection ID 51
Oil-resistant wheels and casters
Kärcher IV accessory system
CE approved

Super class: full steam at constant duty.

All class IV 100 vacuums are designed for demanding continuous duty in industrial applications with their high vacuuming power. As mobile vacuums they can be moved easily, simply and without any major conversions. Or they can be stationed so that they are connected to an existing central suction unit.



Economical
The 4.3 m³ permanent filter of the IV 100/75 /M B1 allows long periods of continuous operation between services.



High suction power
Our high-capacity industrial vacuum cleaners generate an especially high suction power. This makes it possible to clean away even coarse dirt.



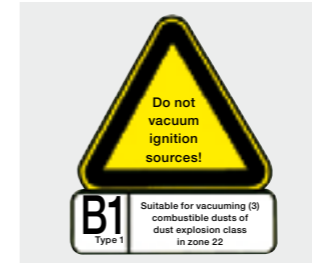
Maintenance-free direct drive
The maintenance-free direct drive guarantees greater economy and reliability. Its long service life makes it optimally suitable for multiple-shift applications.



Flexible
Due to their small footprint, maintenance-free drive and the large-area filter, the IV 100 models are ideal for stationary extraction on production or packaging machines.



Tear-resistant polyurethane sacks
These are ideal for hazardous zone 22 dusts as well as for the clean disposal of waste.



Safe
Even if you have to deal with hazardous and/or zone 22 explosive dusts, the Kärcher M B1 models are the right choice for deep cleaning and maintenance cleaning.



For all dust classes
The super class does not only collect dust of explosion classes ST 1, ST 2 and ST 3: The new IV 100/55 H B1 also complies with the specifications for dust class H.



IV 100/40

- Antistatic equipment
- Built-in filter condition indicator
- Pole reversal plug



IV 100/55

- Antistatic equipment
- Built-in filter condition indicator
- Robust wheels and guide rolls



IV 100/75

- Antistatic equipment
- Extra large filter area
- Automatic reversal of direction of rotation



IV 100/40 M B1

- Antistatic equipment
- Robust wheels and guide rolls
- Pole reversing plug



IV 100/55 M B1

- Antistatic equipment
- Built-in filter condition indicator
- Pole reversing plug



IV 100/55 H B1

- Antistatic equipment
- Built-in filter condition indicator
- Pole reversing plug



IV 100/75 M B1

- Antistatic equipment
- Built-in filter condition indicator
- Automatic reversal of direction of rotation

Technical data								Standard equipment		
Power supply	Ph/V/Hz	3/400/50	3/400/50	3/400/50	Ph/V/Hz	3/400/50	3/400/50	3/400/50	3/400/50	Filter system
Air flow rate	l/s	139	139	153	l/s	139	139	139	153	Star filter with large filter area
Vacuum	mbar/kPa	180/18	280/28	330/33	mbar/kPa	180/18	280/28	280/28	330/33	Manual filter shaker
Container capacity	l	100	100	100	l	100	100	100	100	Filter condition indicator
Motor rating	kW	5	6	7.5	kW	5	6	6	7.5	Cyclone separator
Power rating in operation	kW	4	5.5	7.5	kW	4	5.5	5.5	7.5	
Filter area	cm ²	23000	23000	43000	cm ²	23000	23000	23000	43000	Stability
Standard nominal width	ID	61	61	61	ID	61	61	61	61	Robust metal chassis
Sound pressure level	dB (A)	65	79	72	dB (A)	65	79	79	72	Robust metal container
Length of cord access.	m	8	8	8	m	8	8	8	8	Maintenance-free direct drive
Weight	kg	141	155	256	kg	141	155	155	256	
Dimensions (L x W x H)	mm	1220x670x1530	1220x670x1530	1280x690x1820	mm	1220x670x1530	1220x670x1530	1220x670x1530	1280x690x1820	Comfort
Equipment										Pole reversing plug, automatic
Accessories included	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	Reversal of rotary field
Is delivered without container ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	No ¹⁾	Small nozzles and tools deposit
Container for wet pickup	6.394-529.0	6.394-529.0	6.394-529.0	6.394-529.0	-	-	-	-	-	Convenient lever-operated dump
Container for dry applications	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	6.394-527.0	
Dust class / type	■/-	■/-	■/-	■/-	M/B1	M/B1	H/B1	M/B1	M/B1	Miscellaneous
Order no.	1.573-601.0	1.573-701.0	1.573-801.0	1.573-650.0	1.573-750.0	1.573-751.0	1.573-850.0	1.573-650.0	1.573-750.0	Accessory connection DN 61
Price										Oil-resistant wheels and CE approved

■ Included in delivery. ¹⁾Please order separately.

Liquid-collecting vacuums for the industry.

All Kärcher fluid vacuums are specially developed for demanding industrial applications. High suction power and various types of drives make these machines optimally aligned to the widest variety of customer requirements. For example with two electronically controlled tangential fans or side-channel compressors for continuous duty. Vacuumed fluids can be emptied from the unit by reversing the air flow. This new generation of machines considerably facilitates the regeneration, changing or disposing of fluids. And lowers costs in the process.



Easy switch-over of air reversal function.



Solids basket with metal shaving.



Hose for back-transport of liquids.



IVL 50/24-2

- Easy-to-use air reversal feature
- Electronic control of motors
- Stainless steel container



IVL 120/27-1

- Robust wheels and guide rolls
- Side-channel compressor for constant duty
- High mobility in 1-phase operation



IVL 120/30

- Robust wheels and guide rolls
- Side-channel compressor for constant duty
- High performance in 3-phase operation

Technical data

Type of current	PH/V/Hz	1/230/50-60	1/230/50	3/400/50
Connected load	kW	2.4	2.7	3
Container capacity for liquids	l	50	120	120
Container cap. for shavings basket	l	38	39	39
Air flow rate	l/sec	2 x 56	65	68
Vacuum	mbar/kPa	160/16	240/24.0	286/28.6
Standard nominal width	ID	51	51	51

Equipment

Accessories included in delivery	No ¹⁾	No ¹⁾	No ¹⁾
Autom. filling level cut-out	■	■	■
Maintenance-free direct drive	-	■	■
Recommended for operation in multiple shifts	-	■	■
Order no.	1.573-952.0	1.573-950.0	1.573-951.0
Price			

■ Included in delivery. ¹⁾ Please order separately.

Accessories for industrial vacuum cleaners.

Kärcher's range of industrial accessories is made entirely of high-grade materials. The excellent workmanship makes work easier and safer; even at high temperatures or when working with sharp-edged waste, like metal shavings. The great variety of accessories offers almost unlimited applications.



All IV accessories are authorised for ATEX zone 22.

Description	Order no.	Price	Quantity	ID	Description	NT 72/2 Eco Tc	NT 802 I/IV	NT 993 I	IV 60/24-2 W	IV 60/36-3 W	IV 60/30	IV 60/27-1 M B1	IV 60/30 M B1	IV 100/40	IV 100/55	IV 100/75	IV 100/40 M B1	IV 100/55 M B1	IV 100/75 M B1	IVL 120/27-1	IVL 120/30	IVL 50/24-2
Accessory kits																						
Industry set for lighter applications ID 51	1	2.641-177.0	7-part	51	1 x 4.130-412.0 floor tool ID 51, aluminium, 500 mm 1 x 6.906-773.0 suction nozzle ID 51, plastic 1 x 6.906-768.0 crevice nozzle ID 51, plastic 1 x 6.906-767.0 bend ID 51, stainless steel 2 x 6.906-766.0 suction tube 0.5 m, ID 51, stainless steel 1 x 6.906-791.0 suction hose plastic, ID 51, 5 m	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	2.641-175.0	7-part	61	1 x 4.130-413.0 floor tool ID 61, aluminium, 500 mm 1 x 6.903-056.0 suction nozzle ID 61, plastic 1 x 6.900-222.0 crevice nozzle ID 61, plastic 1 x 6.906-850.0 bend ID 61, stainless steel 2 x 6.906-851.0 suction tube 0.5 m, ID 61, stainless steel 1 x 6.906-781.0 suction hose plastic ID 61, 5 m	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial kit for demanding applications	3	2.641-178.0	7-part	51	1 x 6.906-793.0 floor tool ID 51, H-D, 500 mm 1 x 6.906-773.0 suction nozzle ID 51, plastic 1 x 6.906-768.0 crevice nozzle ID 51, plastic 1 x 6.906-767.0 bend ID 51, stainless steel 2 x 6.906-766.0 suction tube 0.5 m ID 51, stainless steel 1 x 6.906-786.0 suction hose PU, ID 51, 5 m	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	4	2.641-176.0	7-part	61	1 x 6.906-802.0 floor tool ID 61, H-D, 500 mm 1 x 6.903-056.0 suction nozzle ID 61 plastic 1 x 6.900-222.0 crevice nozzle ID 61 plastic 1 x 6.906-850.0 bend ID 61 stainless steel 2 x 6.906-851.0 suction tube 0.5 m, ID 61, stainless steel 1 x 6.906-777.0 suction hose PU, ID 61, 5 m	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Optional. ¹⁾ Can be used together with DN 51 4.470-038.0. ²⁾ Can be used together with DN 61 4.470-039.0.