

Benefits of parts cleaning

KÄRCHER parts cleaners incorporate innovative technical features that offer a high level of user convenience as well as exceptional levels of economy that are ideal for professionals in industry.

Time and cost savings

- The fully automatic cleaning cycle runs unattended, leaving operators free to carry out other duties.
- KÄRCHER's parts cleaners achieve excellent results, even with short cleaning cycles.
- The optional 24 hour / 7 day timer enables the heater and oil separator to be controlled automatically, saving heating time of the cleaning agent and the cost of oil disposal.
- The oil separator extends the life of the cleaning solution and therefore saves money on cleaning agent and waste disposal costs.
- Short wash cycle options available (5 - 10 minutes for engine components)

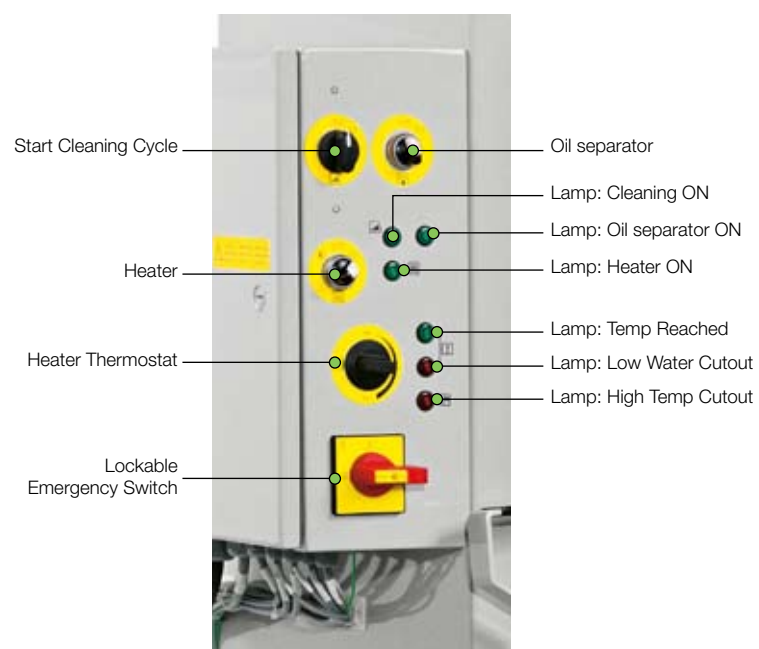


Environmentally friendly cleaning solutions

- Simple and easy to understand operation. LEDs show the status of the machine and cleaning cycle.
- With a sloping tank and large drainage valve the cleaning agent can be disposed of quickly and easily.
- The electric water level control prevents the units from running when the solution level is too low, protecting the heater.

User friendly

- The water based cleaning solution consists of 1 - 5% alkaline agent and 95 - 99% water making it very environmentally friendly.
- No solvents are used in any part of the cleaning process.
- The operator is not exposed to any hazardous chemicals.



Reliable and robust

- The units are equipped with gasket free pumps, which can not be damaged by impurities in the cleaning solution.
- The three dimensional nozzle configuration ensures the parts are cleaned from all directions.
- The electrically driven turntable maintains a constant rotating speed to ensure excellent results, even with varying weights being cleaned.
- Door and lid seals are mechanical and therefore much more durable than rubber sealed units.
- The housing, pipes, nozzles and oil separator are all constructed from stainless steel.



Technical data	PC 60/115 T	PC 70/230 F	
Order No.	1.626-700	1.626-702	
Flow rate	l/h	4,550	11,350
Tank capacity	l	95	155
Operating pressure	bar/MPa	1.5/0.15	3.0/0.30
Max. operating temperature	°C	75	75
Heater	kW	4.5	6.0
Power supply	Ph/V/Hz	3/420/50	3/420/50
Load capacity	kg	115	230
Basket diameter	mm	600	700
Useful height	mm	310	980
Weight	kg	192	375
Dimensions (W x L x H)	mm	990 x 1080 x 1230	1085 x 1185 x 1925

Features

Oil separator and tank	•	•
Operating hour meter	•	•
Stainless steel small parts basket	•	•
Cleaning cycle timer	•	•

Optional accessories

Filtration (cartridge filter)	9.804-531	-
Parts tree	-	9.804-530
2-channel 24 hour / 7 day timer	6.631-551	6.631-551
Castors (2 with brake)	9.804-529	-

Parts cleaning agents

	Order No.	Quantity
RM 38 ASF Alkaline parts cleaning powder with corrosion inhibitor for cleaning oil, grease and soot stained metal components	6.291-380	20 kg
RM 39 ASF Alkaline, material-protecting, liquid spray degreasing agent with temporary protection against corrosion for effective cleaning of oil, grease and soot stained metal components	6.291-390	20 l
RM 63 Strongly alkaline cleaning powder for removing heavy oil, grease, drawing grease and soot stains from parts not sensitive to alkali, i.e. engines, gearboxes, castings, etc.	6.291-630	20 kg

- optional accessory

	Aluminium	Challenged surfaces	Nonferrous metals	Steel / Stainless steel	Plastics	Alkali resistant surfaces	With corrosion inhibitor	For severe soiling
RM 38	•	•	•	•	•	•	•	•
RM 39	•	•	•	•	•	•	•	•
RM 63	-	-	-	•	•	•	•	•



RM 38 ASF and RM 63 cleaning powders



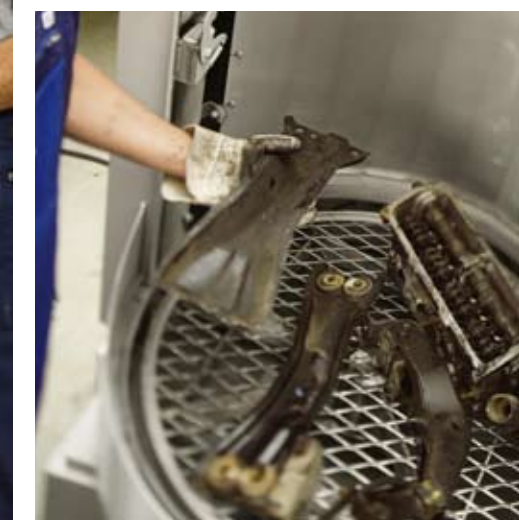
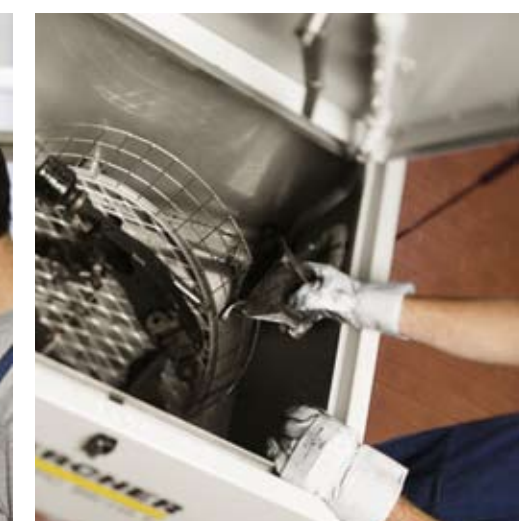
RM 39 ASF liquid cleaner with corrosion inhibitor

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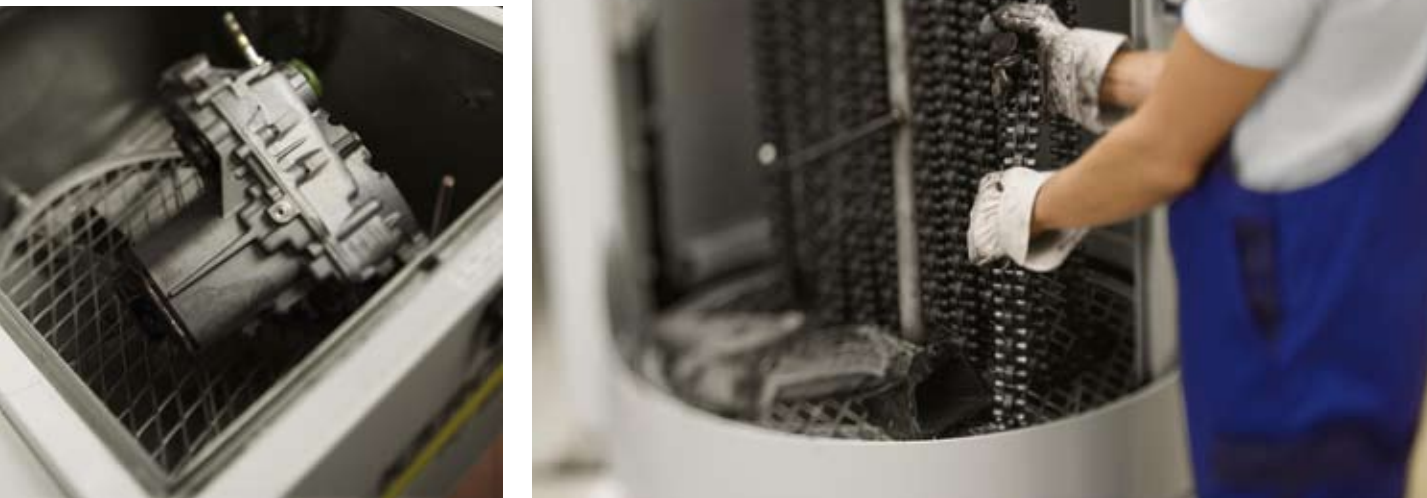
Environmentally friendly parts cleaners from KÄRCHER



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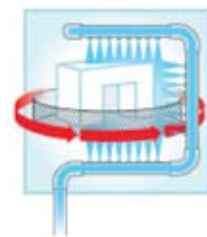
What are Industrial parts cleaners?

In automotive and manufacturing environments cleanliness is an essential element of maintaining quality. KÄRCHER has developed a range of tough, versatile and environmentally friendly industrial parts cleaners to cope with the wide variety of components, parts and tools that need to be cleaned within this type of industry.



Fully automatic, environmentally friendly parts cleaning

With a fully automatic cleaning cycle, KÄRCHER's parts cleaners save time and money, whilst guaranteeing superb results every time. The parts are simply placed on an electrically driven turntable, which then rotates at a constant speed. The intensive cleaning action is achieved using water based cleaning agents which remove grease, oils and other contamination effortlessly. Excess oil is then removed automatically from the solution via the integrated oil separator, giving the cleaning agent a longer cleaning life. The cleaning solution consists of a mixture of 95 - 99% water and 1 - 5% alkaline agent.

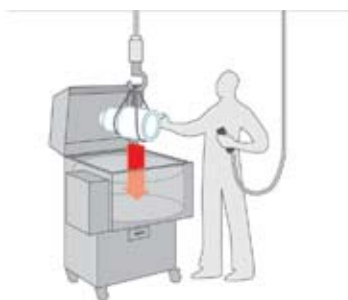


Fully automatic cleaning process

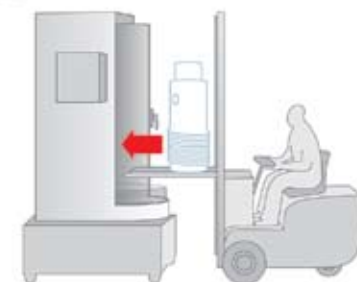
In models PC 60/115 T and PC 70/230 F the parts to be cleaned are placed on an electrically driven turntable, which rotates within a U-shaped nozzle frame. The cleaning process works by spraying the parts in a three dimensional pattern with the hot alkaline solution.

Loading procedure

The PC 60/115 T is a top loading machine which can be loaded either manually or with the aid of lifting equipment.



The PC 70/230 F is a front loading machine with a wide access door. Heavy items can be placed in the machine with a forklift.



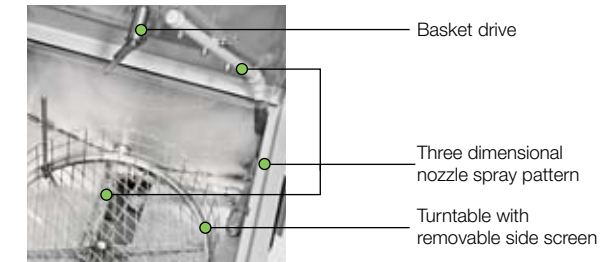
PC 60/115 T top loader

The PC 60/115 T cleans and preserves parts up to a diameter of 600mm, a height of 310mm and a maximum weight of 115kg. Optional castors enable this unit to be used for mobile applications in industry.

Small loose parts and coarse particles of dirt are flushed into the coarse strainer.



Stainless steel fan jet nozzles produce a three dimensional spray pattern to clean the parts in the stainless steel basket. The turntable with removable side screen is driven by an electric motor.



Technical data	
Flow rate	l/h
Tank capacity	l
Operating pressure	bar/MPa
Max. operating temperature	°C
Heater	kW
Power supply	Ph/V/Hz
Load capacity	kg
Basket diameter	mm
Useful height	mm
Weight	kg
Dimensions (W x L x H)	mm
Optional accessories	
Filtration (cartridge filter)	9.804-531
2-channel 24hour / 7-day timer for controlling heating system and oil separator	6.631-551
Castors (2 with brake)	9.804-529
Order No.	1.626-700

PC 60/115 T	
Flow rate	4,550
Tank capacity	95
Operating pressure	1.5/0.15
Max. operating temperature	75
Heater	4.5
Power supply	3/420/50
Load capacity	115
Basket diameter	600
Useful height	310
Weight	192
Dimensions (W x L x H)	990 x 1080 x 1230
Order No.	1.626-700

Standard equipment

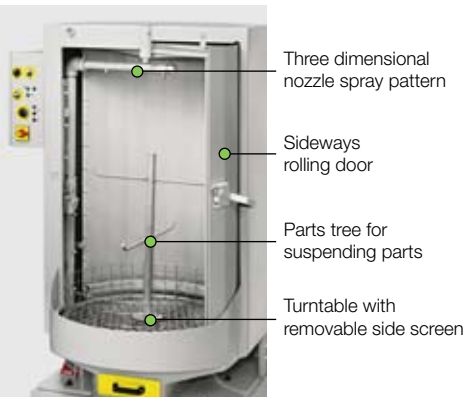
- Side screen for turntable (stainless steel)
- Small parts basket with lid (stainless steel)
- Operating hour meter
- Oil separator and collecting tank
- Automatic water level monitor
- Heating system cutout
- Timer for cleaning cycle (Up to 30 mins)

PC 70/230 F front loader

The PC 70/230 F is loaded from the front through the large rolling door which opens sideways. The large capacity cleaning chamber accommodates components up to a height of 980 mm.

When cleaning small parts the nozzles can be adjusted to the required height.

The rolling door helps save space and also prevents cleaning agent dripping on the floor. Furthermore, the front loader can be loaded conveniently by means of a forklift.



Technical data	
Flow rate	l/h
Tank capacity	l
Operating pressure	bar/MPa
Max. operating temperature	°C
Heater	kW
Power supply	Ph/V/Hz
Load capacity	kg
Basket diameter	mm
Useful height	mm
Weight	kg
Dimensions (W x L x H)	mm
Optional accessories	
2-channel 24hour / 7-day timer for controlling heating system and oil separator	6.631-551
Parts tree	9.804-530
Order No.	1.626-702

PC 70/230 F	
Flow rate	11,350
Tank capacity	155
Operating pressure	3.0/0.30
Max. operating temperature	75
Heater	6.0
Power supply	3/420/50
Load capacity	230
Basket diameter	700
Useful height	980
Weight	375
Dimensions (W x L x H)	1085 x 1185 x 1925
Order No.	1.626-702

Standard equipment

- Side screen for turntable (stainless steel)
- Small parts basket with lid (stainless steel)
- Operating hour meter
- Oil separator and collecting tank
- Automatic water level monitor
- Heating system cutout
- Timer for cleaning cycle (Up to 60 mins)