Hot cleaners for workshop and production

**ph-cleantec**
clean and safe performance

**Universal hot cleaning technology**
for the cleaning of installations and parts

**Industry**

**Motor vehicle/commercial vehicle**

**Aviation/armed forces**

**Food/pharmaceutical/biotec**

**Catering**

**Building service**

**Technical modifications reserved**

- **n.a.** = non applicable

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**Working pressure**
- approx. 3 – 7.5 bar
- approx. 8 – 14 bar
- approx. 4.5 bar

**Spray/Water consumption**
- 1.0 – 1.8 l/min
- 1.8 – 2.4 l/min
- 1.0 l/min

**Operating temperature**
- 95 °C in 60 sec
- 90 °C in 60 sec

**Voltage**
- 3P-N-PE/400V/50Hz
- 3P-N-PE/400V/50Hz, 32 A
- 3P-N-PE/400V/50Hz

**Power consumption heating**
- 10 KW
- 20 KW
- 6 KW

**Filling**
- freshwater
- detergent
- container

**Dimension**
- 109 x 73 x 118 cm
- 98 x 55 x 67 cm
- 76 x 60 x 116 cm
- 90 x 60 cm

**Dimension cleaning grid**

**Weight net**
- approx. 60 kg
- approx. 78 kg
- approx. 100 kg

**Water recycling**

**Capacity of container**
- 60 litres
- 5 litres
- 30 litres
- 98 litres

**Sound pressure level**
- <70 dBA

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**Spray accessories**
- With versatile exchangeable inserts allowing fast and easy replacement even heavily accessible parts resp. burned-in residues can optimally be cleaned.

**Splashguards, hoods and closed units**
- In sensitive surroundings or for special components models 1000 SR and 600 SR can be equipped with a 3-sided splashguard or a Makralon hood. A complete enclosure can also be supplied incorporating a work access aperture, parts loading device and extract system.

**Hot cleaner for applications with acid and demineralised water**
- The 1000 ESE incorporates components that are acid and demineralised water resistant, therefore providing an extended range of application for parts demanding a high degree of degreasing/cleaning.

**Heavy weight collector**
- For big and heavy components a heavy weight collector can be attached. Dimension and the capacity depend on the respective requirements.

**ph-cleantec extras:**
- For each application the appropriate hot cleaner
- Working pressure
- Spray/Water consumption
- Operating temperature
- Voltage
- Power consumption heating
- Filling
- Dimension
- Dimension cleaning grid
- Weight net
- Water recycling
- Capacity of container
- Sound pressure level
- Technical modifications reserved
Clean without much pressure: ph-cleantec low pressure hot cleaners

Established methods, such as high pressure cleaners, are unsuited for many cleaning applications in the production and chemicals unnecessarily charge the environment as well as the employees' health. The response to these problems:

Low pressure hot cleaners of ph-cleantec.

**EFFICIENT ✓**
- better results in a shorter cleaning time
- very low downtimes during machine cleaning
- lower cost for purchase, storage and waste disposal
- low water consumption
- save much time since the technique can be used on-site

**FLEXIBLE ✓**
- cleaning of heavily accessible parts due to variable spray inserts and low pressure
- optionally cleaning with water, alkaline agents with anticorrosive or lubricating coolants
- continuous pressure adjustment for “big lumps” as well as “small thimbles”

**ECOLOGICAL ✓**
- water recycling by special sedimentation procedure
- clean without aggressive detergents
- low current consumption since permanent heating is not necessary
- gentle for user as well as environment since cleaning is made without solvents or cold cleaning agents

**MOBILE ✓**
- usable everywhere due to sturdy and lockable wheels
- permanent water supply is not necessary due to the integrated water tank
- independent of oil separator or other disposal systems since the water is recycled and cycled
- due to the compact construction usable everywhere in the production

**SAFE ✓**
- gentle cleaning of functional components and sensitive sensor technology as well as electronic systems
- no splash-back effects due to low pressure technology
- ergonomical cleaning method
- gentle for health and environment

The innovative technology for machines and parts cleaning
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Ph-cleantec’s patented cleaning technology – cleaning with a water temperature of 95° C and adjustable pressure of 3 - 7.5 bar – offers you unbeatable advantages for the cleaning of your industrial installations and components.

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- lower cost for purchase, storage and waste disposal
- low water consumption
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The innovative technology for machines and parts cleaning

EFFICIENT
FLEXIBLE
ECOLOGICAL
MOBILE
SAFE

Hot cleaners for workshop and production

1000 SRK

Mobile and compact

Applications for hot cleaners of ph-cleantec

Machine installations
- machine tools
- machines for food production
- conveyor belts and chaining systems
- storage systems

Repair and maintenance
- aggregates at pumps
- machine parts and linings
- bearings
- electrical motors
- chain saws, lawn mowers
- pressing, stamping and deep drawing tools
- spindles

Series cleaning
- hydraulic blocks
- motor parts (f.ex.: piston rods, shafts, crank shafts)
- machine parts (guides, supports, tensioning systems)

Degreasing of components
- machine supports and bases
- lining parts
- steel welding constructions
- containers
- preparation for lacquering

Transport and travel
- Brakes, engines, gears, clutches passenger cars/trucks
- Armoured hulls and turrets
- Fuselage, hydraulic system and drive unit of helicopters and aeroplanes
- Bicycle and motorcycle washing bays
- Marine propulsion engines and gears

Building technology and gastronomy
- Radiators in offices and hotels
- Catering extract systems and equipment
- Exhaust air tubes in underground car parks
- Solar collection systems
- Fire damaged remedial action

> gentle cleaning procedure for all installations

> universal cleaning technology, on-site usable

> ideal for medium batch sizes or complex cleaning tasks

> optimal for smaller quantities resp. different geometries

> Cleaning method – gentle to components, resources saving, environmentally friendly

> Without high pressure, fast and efficient

... and much more!
### For each application the appropriate hot cleaner

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1000 SR</strong></td>
<td>Universal low pressure hot cleaner with cleaning surface for machines and parts</td>
</tr>
<tr>
<td><strong>1000 SRE</strong></td>
<td>Universal low pressure hot cleaner for machines and bulky parts (in connection with stationary collector)</td>
</tr>
<tr>
<td><strong>1000 SRE-DH/DP</strong></td>
<td>Universal low pressure hot cleaner for connection to mains water or, alternatively, scavenging from a remote reservoir</td>
</tr>
<tr>
<td><strong>1000 SRK-AS / EA</strong></td>
<td>Mobile low pressure hot cleaner for workshops and connection to mains water or, alternatively, scavenging from a remote reservoir</td>
</tr>
<tr>
<td><strong>600 SR</strong></td>
<td>Universal quick cleaner with cleaning surface for parts as replacement for brush cleaning tables or for decentralised cleaning</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Working pressure</th>
<th>approx. 3 – 7.5 bar</th>
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<th>approx. 4,5 bar</th>
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<tr>
<td>Spray/Water consumption</td>
<td>1.0 – 1.8 l/min</td>
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<td>1.0 l/min</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>95 °C in 60 sec</td>
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</tr>
<tr>
<td>Power consumption heating</td>
<td>10 KW</td>
<td>10 KW</td>
<td>20 KW</td>
<td>10 KW</td>
<td>6 KW</td>
</tr>
<tr>
<td>Filling</td>
<td>freshwater</td>
<td>detergent</td>
<td>dosing pump</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>- freshwater</td>
<td>60 litres</td>
<td>60 litres</td>
<td>n.a.</td>
<td>30 litres</td>
<td>n.a.</td>
</tr>
<tr>
<td>- detergent</td>
<td>5 litres</td>
<td>5 litres</td>
<td>n.a.</td>
<td>n.a.</td>
<td>25 litres</td>
</tr>
<tr>
<td>Dimension</td>
<td>109 x 73 x 118 cm</td>
<td>98 x 55 x 67 cm</td>
<td>98 x 55 x 67 cm</td>
<td>92 x 48 x 45 cm</td>
<td>76 x 60 x 116 cm</td>
</tr>
<tr>
<td>Dimension cleaning grid</td>
<td>90 x 60 cm</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>70 x 50 cm</td>
</tr>
<tr>
<td>Water recycling</td>
<td>approx. 100 kg</td>
<td>approx. 65 kg</td>
<td>approx. 78 kg</td>
<td>approx 48 kg or 55 kg</td>
<td>approx. 60 kg</td>
</tr>
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<td>Weight net</td>
<td>approx. 100 kg</td>
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<td>approx. 78 kg</td>
<td>approx. 40 kg</td>
<td>approx. 50 kg</td>
</tr>
<tr>
<td>Capacity of container</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>Sound pressure level</td>
<td>&lt;70 dBA</td>
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**Spray accessorise**

With versatile exchangeable inserts allowing fast and easy replacement even heavily accessible parts resp. burned-in residues can optimally be cleaned.

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**Your distributor:**

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