

# HPC EXTREME 520 440V/60HZ

Product group: **437**      Product number: **721520**

Unitor™ Extreme 520 INOX™ high pressure cleaner – removes paint, rust and dirt fast and efficient with 500bar working pressure. Heavy duty unit constructed for the toughest cleaning and surface application tasks on board.



## Product information

This product supersedes product no: **721035**

Heavy duty stainless steel frame protects the unit and enables lifting. The unit is designed for 24 hours operations.

Cold water high pressure cleaner with 3 cyl. inline plunger pump (Inox pump head, ceramic plungers) - flanged to electric motor motor/pump rpm 1720 1/min - slowly, quietly running machine. Pump system pressureless by closing spray pistol (stand by operation). Thermo valve protects pump from overheating and water shortage control protects pump from cavitation. Water micro filter protects pump from soiled water. Motor/pump unit protected by solid, surrounding stainless steel frame. Chassis with 4 wheels on twin axle, locking brake. Hose swivel prevents hp hose from messing up.

## Supplied with

- Electrical cable 5 meter
- INOX lance 800 mm
- Standard gun
- 25 m Extreme HP hose
- Inlet filter
- Tool for opening filter cartridge
- GEKA 3/4" on water inlet

## Features

- Low RPM motor
- Heavy duty steel frame -- protects the unit and enables lifting with a crane
- Four wheels -- the units can be moved with ease and can be stored safely
- Wheel brake -- ensures the unit stays in place during operations or storage
- Built-in inlet filter -- protects the pump from damage
- Well proven pump -- the pump design is based on years of experience and development
- Full ceramic stainless steel pistons
- Pump head in INOX
- Stainless steel frame
- Inlet water pressure gauge
- Air bleed valve on feed water side
- Feed water line coated for improved sea water handling (always flush with fresh water after use)

## Benefits

- Removes dirt and rust fast and efficient
- Long life time and reliable operation
- Versatile -- the units can be used for paint and scale removal as well as day to day cleaning task
- Efficient -- with the sandblasting nozzle the unit can prepare up to 10m<sup>2</sup>/h of surface for painting Surface quality of SA 2.5
- Grit blasting combined with water removes all dust

## Specification

### General

Invent Hazard Material (IMO/EU) classification	D-1
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### Dimensions/Weight

Height [mm]	745
Length [mm]	800
Weight [kg]	154
Width [mm]	600

### Technical data

Amperage [A]	27
Electrical phase	3
Feed water pressure [bar]	2 - 8
Frequency [Hz]	60
Ingress protection	5X
Inlet water temperature [°C]	60 maximum
Operating pressure [bar]	500
Power rating [kW]	18
RPM	1720
Voltage [V]	440
Water flow rate [l/min]	17
Water supply hose	Min 3/4"

## Documents

[UNITOR HPCE 330520 Instruction Manual\\_v1](#)

[SDoC and MD for IHM](#)

## Directions for use

Read and familiarize with the Instruction Manual first before operating the machine.

Ensure sufficient water supply - minimum 2bar and 20/min. For water supply it is recommended to order the 50 mtr 3/4" hose, product number 671727.

To extend the high pressure hose length with additional HP hoses a connection nipple, product number 734038, must be used.

First oil change after 50 operating hours, further oil changes after every 500 operating hours, minimum once per year. In case the oil becomes milky, stop the machine immediately and carry out oil change. If this happens repeatedly, arrange replacement of all pump seals by qualified personnel.

Use Hypoid Oil SAE 85/90, 78 cSt./10,3 ° E/50 °C with EP high pressure additives, e.g. TEXACO Geartex EP-B-85W/90

Insufficient water supply will cause heavy damage on high pressure pump (cavitation).

## Related products

### Accessories

**734038** HPCE 520/330/CONNECTION NIPPLE SS FOR MULTIPLE HPCE HOSES

**734036** HPCE 520/WATER BREAK TANK/48L

**721134** HPCE 520/HIP NOZZLE 3538 (036)

**729238** REP KIT VALVES FOR HPC EXTREME 520

**721381** EXTREME HP 500BAR HOSE 25M

**721142** HPCE 520/330/WATER FILTER INSERT EXTREME/10PCS

**721118** HPCE 520/SPRAY LANCE 800 MM/500 BAR/WSS STANDARD  
**729239** REP.KIT SEALS FOR HPC EXTREME 520  
**721209** HPCE 520/POWERSPEED ATTACHMENT EXTREME  
**729218** HPCE 520/HOSE SWIVEL  
**728915** REP.KIT FOR POWERSPEED FOR HPCE 520  
**671727** AIR HOSE 3/4", PVC 50 M COIL

**671735** AIR HOSE 1", PVC 50 M COIL  
**721097** UNITOR HPCE ANACONDA LANCE KIT  
**737452** HPCE 520/PISTON SEAL RING 22X32X7/UNTIL END OF 2017/1 PC (3 PCS REQUIRED PER PUMP)  
**721084** HPCE 520/HIGH PRESSURE SAFETY SPRAY PISTOL  
**721175** HPCE 520/SANDBLASTING EXTREME PACK  
**720990** HPCE HEATING UNIT/500BAR/INOX DIESEL HEATER/230V/50-60 Hz

#### **Consumables**

**779158** HPCE 520/330/OSP SPEC PUMP OIL/5LTR

#### **Is frequently bought together with**

**720990** HPCE HEATING UNIT/500BAR/INOX DIESEL HEATER/230V/50-60 Hz  
**721097** UNITOR HPCE ANACONDA LANCE KIT

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