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# UNITOR HPCE DYNAMIS 500+

Product group: **437**      Product number: **720131**

The Unitor<sup>™</sup> HPCE Dynamis 500+<sup>™</sup> is a heavy duty high pressure cleaner which is extremely powerful, efficient and reliable. With its new and improved design, the Unitor<sup>™</sup> HPCE Dynamis 500+<sup>™</sup> is made for the toughest cargo stains, grease and grime on deck. With 500bar working pressure it is ideal for surface preparation when removing loose paint and rust.



## Product information

The Unitor<sup>™</sup> HPCE Dynamis 500+<sup>™</sup> is equipped with a high-performing pump that allows a water flow rate of 21 ltr/min combined with 500 working pressure the cleaning effect is outstanding.

The unit comes with two water filters ensuring the best pump protection. Two pressure gauges at the primary filter easily indicate to the user when the filter cartridges need to be replaced. This is essential to maintain the pump interior in prime condition.

To overcome temporary shortages in water supply the Unitor<sup>™</sup> HPCE Dynamis 500+<sup>™</sup> has a built-in water tank that acts as a buffer.

In addition, the unit is safeguarded with overflow-, thermo-, and low water protection to ensure the longest product lifetime.

The stainless steel frame and housing give ideal protection in the harsh marine environment. Lifting eyes enable the crew to transfer the unit quickly.

Its ultra-slim design has been carefully chosen to allow easy maneuvering on narrow deck passages.

**\*\* Note:** This machine can be operated from 380-440V (3-phase, 50/60 Hz)

### Supplied with

- High pressure handle with swivel
- Lance 800mm
- Flat nozzle
- 10m power cord
- 25m HP Extreme 500bar hose
- Two spare filter elements with spanner
- Inlet GEKA coupling

### Features

- High performing pump 21ltr/min at 500bar working pressure
- Built-in break tank, ultra slim design and lifting eyes
- Stainless steel frame and housing
- Dual water filter protection and filter clogging indication
- Comes with safety valve
- Tailor made for maritime use

### Benefits

- Heavy duty design ensuring long lifetime
- Removes cargo residues, grease, grime and loose paint/rust fast & efficient
- Reliable operation with no downtime due to temporary water shortages
- Allows easy maneuvering on board
- User friendly and easy to maintain

Specification

General

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

Height [mm]	920
Length [mm]	1080
Weight [kg]	186
Width [mm]	570

Technical data

Amperage [A]	32.6
Electrical phase	3
Frequency [Hz]	50/60
Ingress protection	55
Operating pressure [bar]	500
Power rating [kW]	19.2
Voltage [V]	380/440
Water flow rate [l/min]	21

Documents

[SDoC and MD for IHM](#)

[HPCE Dynamis 500+\\_Declaration of Conformity](#)

Directions for use

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

Pump oil type: SAE 15W40 ISO VG100 DIN 51524 (PN: 715002\*\*) \*\*

Related products

Accessories

- 720132**  
HPCE DYNAMIS 500+/ROTOR NOZZLE/440V
- 671727**  
AIR HOSE 3/4", PVC 50 M COIL
- 700060**  
HPCE DYNAMIS 500+/DRAIN CLEANER NOZZLE
- 720001**  
HPCE DYNAMIS/HPC 54/HPC 67/EL. CABLE 4x6 W/CONN. 63A 40M
- 734055**  
CONNECTION NIPPLE SS FOR MULTIPLE HP HOSES
- 720133**  
HPCE DYNAMIS 500+/ROTOR NOZZLE/380V
- 550025**  
UNITOR EXTREME HP 500BAR HOSE 25M
- 721175**  
UNITOR 500+ SANDBLASTING KIT
- 770008**  
UNITOR DYNAMIS/ PPE KIT 500 BAR

Spares

- 715000**  
HPCE DYNAMIS 500+/350+/300+/FILTER 7"/PACK OF 10
- 1005020**  
HPCE DYNAMIS 500+/300+/FLAT NOZZLE/15 030/380V/SS 1/4 NPT MALE
- 1005008**  
HPCE DYNAMIS 500+/300+/FLAT NOZZLE/15 035/440V/SS 1/4 NPT MALE
- 715036**  
HPCE DYNAMIS 500+/HP PUMP/COMPLETE SEALS KITS WITH METAL SET(POS. 49,50,51,52,53)/1PCS
- 1005041**  
HPCE DYNAMIS 500+/LANCE ADAPTOR

- 715002**  
HPCE DYNAMIS 500+ /350+ /300+ /PUMP OIL SAE 15W-40/4 LITRE
- 715021**  
HPCE DYNAMIS 500+ /SPRAY GUN WITH INLET COUPLING INCL. SWIVEL
- 715022**  
HPCE DYNAMIS 500+ /SPRAY LANCE WITH KNOB AND QUICK COUPLING
- 715017**  
HPCE DYNAMIS 500+ /ZERO PRESSURE UNLOADER VALVE COMPLETE WITH FITTINGS
- 1005003**  
HPCE DYNAMIS 500+ /350+ /300+ /FILTER HOUSING WITH MANOMETRES
- 1005011**  
HPCE DYNAMIS 500+ /ELECTRICAL BOX COMPLETE W/INTERNAL PARTS W/10M ELECTRICAL CABLE AND PLUG
- 1005019**  
HPCE DYNAMIS 500+ /SAFETY VALVE COMPLETE WITH FITTINGS
- 715034**  
HPCE DYNAMIS 500+ /HP PUMP/VALVE KIT(POS.6)/6PCS
- 715006**  
HPCE DYNAMIS 500+ /ROTARY NOZZLE/REPAIR KIT/440V
- 1005005**  
HPCE DYNAMIS 500+ /PUMP MANOMETER/DN.63RL/0-1000BAR/1/4" BSP