

# UNITOR HPCE DYNAMIS 350+

Product group: **437** Product number: **771785**

The Unitor™ HPCE DYNAMIS 350+ sets a new benchmark in high-pressure cleaning, delivering unmatched power, durability, and efficiency. Engineered for the most demanding onboard applications, it obliterates dirt, grease, and rust with ease, ensuring superior cleaning performance every time. Built for the harshest marine environments, its advanced design and rugged construction make it the ultimate solution for the toughest cleaning and surface preparation challenges.



## Product information

The Unitor™ HPCE Dynamis 350+™ is engineered for peak performance, featuring a high-efficiency pump that delivers an impressive water flow rate of 18 l/min at 350 bar. This exceptional pressure ensures superior cleaning performance for the toughest onboard tasks. The unit is equipped with a water inlet filter that provides optimal pump protection. Dual pressure gauges make it easy for operators to monitor the filter cartridges and replace them when necessary, safeguarding the pump's internal components and ensuring consistent operation. To enhance reliability and longevity, the Dynamis 350+ includes a low-water protection pressure switch and a thermo valve, which prevent damage caused by operational irregularities. A built-in safety valve caps the maximum operating pressure at 370 bar, adding an extra layer of protection for both the operator and the equipment in case of unforeseen pressure spikes. The marine-grade stainless steel frame and housing are designed to withstand the harshest conditions, offering durability and reliability in demanding environments. Compact and ultra-slim, the unit's design allows easy maneuvering through narrow deck spaces, while lifting eyes ensure effortless handling and transportation. **\*\* Note:** This machine can be operated from 380-440V (3-phase, 50/60 Hz)

### Supplied with

- High-pressure handle
- Double Lance 980mm
- Flat nozzle
- 10m power cord with Plug IP67
- 25m HP Extreme 500bar hose
- Two spare filter elements with a spanner
- Inlet GEKA coupling

### Features

- High-performance pump delivering 18 l/min at 350 bar for unmatched cleaning power.
- Ultra-slim design with integrated lifting eyes for effortless handling and transport.
- Durable stainless steel frame and housing, built to withstand marine environments.
- Water filter with clogging indicators ensures pump protection and longevity.
- Equipped with both a safety valve and an unloader valve for enhanced operational safety.
- Specifically designed to meet the unique demands of maritime cleaning tasks.

### Benefits

- **Heavy-duty construction:** guarantees durability and an extended operational lifespan.
- **High-performance cleaning:** efficiently eliminates grease, grime, and stubborn rust or paint residues.
- **Consistently reliable operation:** ensures dependable performance even in challenging conditions.
- **Compact and ergonomic design:** allows for effortless maneuvering in tight onboard spaces.
- **Simplified maintenance:** ensures user-friendly operation and minimal downtime.

## Specification

### Dimensions/Weight

Height [mm]	760
Length	970
Weight [kg]	152
Width [mm]	550

### Technical data

Frequency [Hz]	50Hz/60Hz
Ingress protection	55
Inlet water temperature [°C]	40
Operating pressure [bar]	350
Power rating [kW]	13.2
Voltage [V]	380V/440V 3ph
Water flow rate [l/min]	18

## Approvals

CE / EN 1829-1:2021 / EN ISO 12100:2010

## Documents

[SDoC and MD for IHM](#)

## 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

#### **671727**

AIR HOSE 3/4", PVC 50 M COIL

#### **720001**

HPCE DYNAMIS/HPC 54/HPC 67/EL. CABLE 4x6 W/CONN. 63A 40M

#### **734055**

CONNECTION NIPPLE SS FOR MULTIPLE HP HOSES

#### **600220**

HPCE DYNAMIS 350+/ROTOR NOZZLE (440V) COMPLETE

#### **550025**

UNITOR EXTREME HP 500BAR HOSE 25M

#### **770008**

UNITOR DYNAMIS/ PPE KIT 500 BAR

#### **600095**

SET MALE/FEMALE PLUG 4P 63A IP67

#### **545025**

HOSE PROTECTION 1400MM Ø41 – 500 BAR WITH ADJUSTABLE STRAP

### Spares

#### **1005088**

HPCE DYNAMIS 350+/SAFETY VALVE COMPLETE WITH FITTINGS

#### **1005086**

HPCE DYNAMIS 350+/UNLOADER VALVE COMPLETE WITH FITTINGS

#### **715002**

HPCE DYNAMIS 500+/350+/300+/PUMP OIL SAE 15W-40/4 LITRE

#### **600230**

HPCE DYNAMIS 350+/SPRAY GUN

#### **715000**

HPCE DYNAMIS 500+/350+/300+/FILTER 7"/PACK OF 10

#### **600215**

HPCE DYNAMIS 350+/FLAT NOZZLE/440V

#### **600235**

HPCE DYNAMIS 350+/SPRAY LANCE WITH KNOB AND QUICK COUPLING

#### **1005003**

HPCE DYNAMIS 500+/350+/300+/FILTER HOUSING WITH MANOMETRES

#### **1005070**

HPCE DYNAMIS 500+/350+/PUMP OIL SEAL/Incl.2PCS

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