

DYNAJET UHP 220 2800/27 T mobile w. hoods

1610040

Welcome to the premium class of DYNAJET! The DYNAJET UHP 220 2800 ultrahigh-pressure cleaner unit, offering a working pressure of up to 2800 bar and a flow rate of 27 l/min, ranks among the most powerful of all the DYNAJET devices and convinces with the highest level of functionality, efficiency and economy. This UHP unit not only fulfils the latest safety and emissions standards according to Tier 4f but, with its numerous innovations, makes water-jetting more ergonomic, more efficient and more sustainable. Its high power makes this ultrahigh-pressure unit ideal for paint removal, rust removal and concrete removal.

Advantages

Structure:

- Twin-axle chassis for safe driving
- Four lifting eyes for increased flexibility
- 4-hood Targa system for safe access to the operating area and motor area
- Lockable hoods for additional safety
- Closed base tray/leak tray to protect against dirt
- Storage area to keep things tidy
- Suction and pressure connections can also be used when the hood is closed

Drive / Control:

- Powerful VOLVO industrial diesel motor, specifically designed for the Dynajet UHP 220, for reliable operation
 - Complies with the latest EU exhaust gas standard TIER4 final
 - Integrated spark arrester
 - Large fuel tank for long, autarkic operation
 - Sound insulation to reduce noise levels
 - Integrated compressed air system
 - Dynajet Easy Control II
- Graphical color display
- Rapid familiarisation
- Simple selection of operating mode enables free pre-selection of pressure or speed
- Motor monitor
- Hour counter for motor and pump
- 24V system

Water supply:

- Pre-filter to protect against fuel contamination
 - Water storage tank to compensate for supply fluctuations
 - Fine filter in stainless steel housing for maximum engine protection
 - High pressure pump
- Low-speed pump to protect against overheating and for a long service life
- Optimised construction for low fuel consumption and minimized vibrations
- Carbide plungers for the highest stability and maximum service life
- Simple valve replacement
- Power-end cooling system with noise-minimised tooth flanks
- Pressure oil lubrication
- Pneumatic unloader valve for soft switching
 - Full lift safety valve: opens if there is overpressure and thus protects operator, device and accessories; work can continue right away once the fault has been eliminated and the device restarted
 - Preservation and frost-protection system for optimum protection

Supported by:



Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag



Base data

System	Cold-water ultrahigh-pressure units
Type	Trailer

Pressure

Pressure class	2,800 bar (40,600 PSI)
Pressure variable	Yes
Minimal pressure	800 bar (11,600 PSI)

Hydraulics

Minimum flow rate	8.3 l/min (2.20 USgal/min)
Maximum flow rate	27 l/min (7.13 USgal/min)
Pump revolution speed	Max. 500 rpm
Hydraulic power	145 kW (200 hp)
Pump	Low-speed ultrahigh-pressure pump with 3 carbide plungers, integrated reduction gear and power-end cooling system
Volume water tank	160 l (42.28 USgal)

Threaded connection

Input port	GEKA
Output port	9/16"-18 UNF-LH IT

Drive

Drive type	Diesel motor
Motor power	160 kW (220 hp)
Motor speed	Max. 2100 rpm
Motor type	VOLVO 4-cylinder diesel motor, water-cooled, engine capacity 5200 ccm
Power transmission from motor to pump	Gearbox
Volume fuel tank	Approx. 200 l (52.83 USgal)

Others

Medium	Clear water, up to 40 °C (104 °F), min. 1.8 bar (26 PSI) to max. 6 bar (90 PSI) supply pressure
Chassis	2-axle trailer
Weight in kg	2,750.0
Dimensions (L/W/H)	467 x 197 x 218 cm
Dimensions open (L/W/H)	487 x 310 x 254 cm

Special equipment

[Drawer complete for UHP 220](#)

[External emergency stop button 50m cable](#)

Scope of delivery (Standard version and standard accessories)

Standard scope of supply:

4-hood targa concept, noise insulation cover, protection/ leakage tray, robust and durable VOLVO four-cylinder diesel engine, power end cooling system, water temperature monitoring, simple to control via the display, total control with pressure-value presetting or option to choose manual engine speed control, three-plunger high-pressure pump with carbide plungers, storage tank with booster pump incl. filter and suction-pressure monitoring system, frost-protections system with storage tank, rotatable vice, operating manual