



**Middle East  
Petromechanic**

**DYNAJET**



## Description

### **DYNAJET 500t -30L HELI**

The special features of the DYNAJET 500t mobile, all-purpose cold-water high-pressure cleaner with 500 bar (7,250 PSI) and a flow rate of 30 l/min (7.94 USgal/min) are its light weight, compact dimensions and high level of performance and safety.

## Advantages

### **Structure:**

- Single-axle chassis for easy manoeuvrability
- Self-supporting and resilient frame design to optimise weight
- Central lifting eye for optimum transportation to places with difficult accessibility
- Underride guard for additional safety
- Electrophoretic dip-painted frame for a high level of protection against corrosion and maximum surface quality
- Targa design, separating the engine, pump and burner unit from the operating unit for enormous advantages in ergonomics, overall machine safety and noise reduction
- Shock-resistant plastic hoods for minimum weight on the engine and operator side
- Industrial gas springs, robust hinges and long-life hood technology for ease of operation

## Drive:

- Industrial motor complying with the latest exhaust gas standards for a long service life and low running costs
- Operating-hours counter for optimum product costing analyses

## Water supply:

- 25 m Supply hose and 50 m high-pressure hose on resilient, permanently installed drums that make it possible to start work within seconds
- Washable stainless steel water-filter insert for maximum service life of the pump
- Large, integrated water tank for independent operation, even where no external water supply is available, and as an additional "buffer" when the water supply is weak
- Water-tank low-level monitor to protect the high-pressure pump from running dry
- Booster pump for an optimum supply to the high-pressure pump to minimise wear and costs
- Low-speed, easy-maintenance 3-plunger pump for maximum service life and low wear costs
- Stepless pressure adjustment for optimum, application-orientated regulation of pressure and flow rate, as well as minimized noise levels, diesel consumption and wear
- Hose-pressure drop-down system in bypass operation for maximum safety and comfort
- Always ready for operation, even in winter, due to simple frost protection system

## Overview



Picture shows DYNAJET 500th

## Technical data

Base data	
System	Cold-water high-pressure cleaners
Type	Trailer
Pressure	
Pressure class	500 bar (7,250 PSI)
Pressure variable	Yes
Minimal pressure	150 bar (2,175 PSI)
Hydraulics	
Minimum flow rate	14 l/min (3.71 USgal/min)
Maximum flow rate	30 l/min (7.94 USgal/min)
Pump revolution speed	Max. 1000 rpm
Hydraulic power	28 kW (38 Hp)
Pump	Ceramic triplex plunger
Volume water tank	1,000 l (264.55 USgal)
Threaded connection	
Input port	GEKA
Output port	M24x1.5 IT
Drive	
Drive type	Diesel motor
Motor power	34 kW (46.2 Hp)
Motor speed	Max. 2600 rpm
Motor type	Deutz 3-cylinder diesel motor (oil-cooled)
Power transmission from motor to pump	Belts
Fuel consumption	10.0 l/h (2.65 USgal/h) (at full load)
Volume fuel tank	Approx. 70 l (18.50 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	Single-axle trailer with brake
Weight in kg	1,450.0
Dimensions (L/W/H)	371 x 207 x 208 cm
Dimensions open (L/W/H)	411 x 205 x 264 cm
Article number	1490041W

### Scope of delivery (Standard version and standard accessories)

#### Standard scope of supply:

Lifting eye, powerful diesel engine, hand-throttle control, 12 V socket, operating-hours meter, 25 m supply hose mounted on a hose drum, 50 m high-pressure hose (NW 10), 1,000 l (264.55 US gal) water tank with water level gauge and monitoring, automatic pressure regulator with hose pressure drop down-system, safety valve, operating manual

#### Accessories:

High-pressure cleaning gun with extension pipe (total length approx. 800 mm), nozzle carrier and 15° flat-jet nozzle, storage box