

## DYNAJET 500th HELI

**1490020**

In addition to its user-friendliness, the special features of the DYNAJET 500th mobile, all-purpose cold- and hot-water high-pressure cleaner, offering a working pressure of up to 500 bar (7,250 PSI), are above all its light weight, compact dimensions and high level of performance and safety.

### Advantages

- 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
- Industrial gas springs, robust hinges and long-life hood technology for ease of operation
- Industrial motor complying with the latest exhaust gas standards for a long service life and low running costs
- Patented burner control without solenoid valves for safe and efficient, as well as instant-stop, operation
- Operating-hours counter for optimum product costing analyses
- Supply hose and high-pressure hose on resilient drums to enable connection in 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



### Base data

System Hot- and 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 Triplex plunger pump with ceramic coating  
 Volume water tank 1,000 l (264.55 USgal)  
 Temperature Max. 95 °C

### 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	1,500.0
Dimensions (L/W/H)	371 x 207 x 208 cm
Dimensions open (L/W/H)	398 x 207 x 277 cm
Heating power oil burner/Dynabox	Dual oil burner with 2x max. 91 kW (125 Hp)
Volume heating oil tank	105 l (27.73 USgal)

### Special equipment

[Install. set water-soften eq. 12V F D500](#)  
[12V working headlight](#)  
[Spark catcher complete for Dynajet 500th](#)  
[HP HOSE 500BAR 0.5MDN10 3/8Z M22X1.5](#)  
[Cover for operators side for 500th](#)

### 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 8), 1,000 l (264.55 US gal) water tank with water level gauge and monitoring, hot-water system, 2 x high performance water burners, automatic pressure regulator with hose pressure drop down-system, safety valve, operating manual

#### Scope of supply:

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