

DYNAJET 500md HELI

1513020

Small, efficient and independent: that's DYNAJET's compact "md" class with a powerful and low-consumption diesel motor. Just like the other DYNAJET trollies in the "md" class, the special features of the DYNAJET 500md, offering a working pressure of up to 500 bar (7,250 PSI), are its extreme manoeuvrability, small dimensions and easy-loading and easy-transportation characteristics.

Advantages

- Robust, powder-coated steel frame for optimum machine protection and a long service life
- Single-axle chassis with pneumatic tyres for easy on-site manoeuvrability
- A perfect centre of gravity for flexibility and stability
- Screws made of corrosion-free material for high durability
- Central lifting eye for easy transportation and handling
- Operating-hours counter for optimum product costing analyses
- 12 V socket for the power supply to the Dynabox 12 V hot-water module
- Vibration-proof starter battery for effortless start-up
- Flexible vibration elements to absorb vibration between the motor, pump and frame
- Cover with sound insulation for sustainable reduction of noise emissions
- Electric starter for easy starting of the machine
- Robust air-cooled 2-cylinder diesel motor
- Belt drive for quiet operation and extended maintenance intervals
- Automatic speed reduction when the pistol is not in use, to minimise noise emissions, wear, and fuel consumption
- Oil-pressure monitoring to protect against motor damage
- Suction pressure control to protect the pump in the case of a weak water supply
- Cleanable stainless-steel water filter for maximum service life of the pump
- Low-maintenance industrial crankshaft pump for high performance and maximum service life
- Thermo safety valve for additional protection of the pump
- Safety valve for additional safety during operation
- Manual pressure adjustment for easy operation
- Soft switching operations by means of switching valve with hose-pressure drop-down system



Base data

System Cold-water high-pressure cleaners
Type Trolley/Box

Pressure

Pressure class 500 bar (7,250 PSI)
Pressure variable Yes
Minimal pressure 250 bar (3,635 PSI)

Hydraulics

Minimum flow rate 7 l/min (1.85 USgal/min)
Maximum flow rate 15 l/min (3.97 USgal/min)
Pump revolution speed Max. 1450 rpm
Hydraulic power 14 kW (19 Hp)
Pump Triplex plunger pump with ceramic coating

Threaded connection

Input port GEKA
Output port M24x1.5 ET

Drive

Drive type Diesel motor
Motor power 17.2 kW (23 HP)
Motor speed Max. 2900 rpm
Motor type Hatz 2-cylinder diesel motor (air-cooled)
Power transmission from motor to pump Belts
Fuel consumption 4.0 l/h (1.06 USgal/h) (average)
Volume fuel tank Approx. 20 l (5.28 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 wheels, trolley concept
Weight in kg	215.0
Dimensions (L/W/H)	91 x 80 x 96 cm

Special equipment

[Exhaust system with spark arrestors](#)

Scope of delivery (Standard version and standard accessories)

Standard scope of supply:

Lifting eye, 12 V DC socket, operating-hours meter, 2-cylinder air-cooled diesel engine, speed reduction, engine-oil pressure monitoring, engine key switch, level sensor to protect the machine from running dry, stainless-steel water filter, supply-pressure and water temperature-monitoring, suction gauge, crankshaft pump, high-pressure gauge, safety valve, Automatic pressure regulation with bypass function for infinitely variable pressure adjustment with automatic hose pressure drop down system, operating manual

Scope of supply:

10 m high-pressure hose for hot/cold-water, high-pressure cleaning gun with extension pipe (total length approx. 800 mm), nozzle carrier and 15° flat-jet nozzle