

DYNAJET 500mg HELI

1486050

Small, efficient and independent: that's DYNAJET's compact "mg" class with a powerful petrol motor. Just like the other DYNAJET trolleys in the "mg" class, the special features of the DYNAJET 500mg, offering a working pressure of up to 500 bar (7,250 PSI), are its light weight, small dimensions and easy-loading and easy-transportation characteristics.



Structure

- 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
- Operating-hours counter for optimum product costing analyses
- 12 V socket for the power supply to the Dynabox 12 V hot-water module

Drive

- Vibration-proof starter battery for effortless start-up
- Flexible vibration elements to absorb vibration between the motor, pump and frame
- Electric starter for easy starting of the machine
- Robust 4-stroke petrol motor with 2 cylinders
- Oil-pressure monitoring to protect against motor damage

Water supply

- Suction pressure control to protect the pump in the case of a weak water supply
- Washable stainless steel water-filter insert for maximum service life of pump and Unloader
- 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
- Large-sized bypass hose to prevent pressure peaks and temperature increases
- Manual pressure adjustment for easy operation

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 Ceramic triplex plunger

Threaded connection

Input port GEKA

Output port M24x1.5 ET

Drive

Drive type Gasoline / Petrol motor

Motor power 16,4 kW (22 Hp)

Motor speed Max. 3250 rpm

Motor type Vanguard 2-cylinder, 4-stroke gasoline / petrol motor

Power transmission from motor to pump Gearbox

Fuel consumption 5.5 l/h (1.46 USgal/h) (average)

Volume fuel tank Approx. 20 l (5.28 USgal)

Others

Chassis 2 wheels, trolley concept

Weight in kg 120.0

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|--------------------|---|
| Dimensions (L/W/H) | 75 x 79 x 99 cm |
| Medium | Clear water, up to 40 °C (104 °F), min. 1.8 bar (26 PSI) to max. 6 bar (90 PSI) supply pressure |

Scope of delivery

Standard equipment

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

Standard accessories

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

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