



**Middle East
Petromechanic**

DYNAJET



Description

DYNAJET 500/30me 400V/50Hz HELI

Welcome to the compact "me" class, with an especially high flow rate! In contrast to its smaller colleague, DYNAJET 500me, the more powerful DYNAJET 500me 30, offering a working pressure of up to 500 bar (7,250 PSI), achieves a flow rate of 30 l/min or 7.94 USgal/min (1,800 l/h) for particularly demanding tasks. Of course, in addition to its performance, the DYNAJET 500me 30 convinces above all with its compact dimensions and high level of mobility.

Advantages

Structure:

- Robust, powder-coated steel frame for optimum machine protection and a long service life
- Screws made of corrosion-free material for high durability
- Central lifting eye for easy transportation and handling
- Splash-resistant (IP54) electricals box for versatile and problem-free deployment
- Operating-hours counter for optimum product costing analyses

Drive:

- Automatic star/delta starter to protect the power supply
- Compact and robust industrial electric motor for a long service life with maximum operating times
- Belt drive for quiet operation and extended maintenance intervals
- Motor safety-switch for emergencies

Water supply:

- 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
- Optional booster pump with stainless steel storage tank for independence from supply water pressure and as buffer to calm the water
- Thermo safety valve for additional protection of the pump
- Integrated frost protection switch to prevent the pump from being damaged by frost
- Safety valve for additional safety during operation
- Large-sized bypass hose to prevent pressure peaks and temperature increases
- Manual pressure adjustment for easy operation

Overview



Technical data

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	30 l/min (7.94 USgal/min)
Pump revolution speed	Max. 970 rpm
Hydraulic power	28 kW (38 Hp)
Pump	Triplex plunger pump with ceramic coating
Threaded connection	
Input port	GEKA
Output port	M24x1.5 ET
Drive	
Drive type	Electric motor
Motor power	30 kW (41 Hp)
Motor speed	Max. 1450 rpm
Motor type	Electric motor, IP54
Voltage and frequency	400 V three-phase current, 50 Hz
Power transmission from motor to pump	Belts
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	4 wheels
Weight in kg	450.0
Dimensions (L/W/H)	116 x 80 x 130 cm
Article number	1518020W

Scope of delivery (Standard version and standard accessories)

Standard scope of supply:

Lifting eye, operating-hours meter, socket for plug 63A CEE, automatic star-delta and motor safety 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, frost protection function, 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