

# DYNAJET

## DYNAJET 500 TH HELI BLUE PERFORMANCE

Hot- and cold-water high-pressure cleaners, 500 bar (7.250 PSI)

### Highlights

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.



### Standard accessories:

- 25 m drum mounted supply hose
- High-pressure cleaning gun with extension pipe (total length approx. 800 mm)
- nozzle carrier and 15° flat-jet nozzle

### Structure

- Single-axle chassis for easy manoeuvrability
- Self-supporting and resilient frame design to optimise weight
- 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 lockable plastic hoods on the engine and operator side
- Industrial gas springs, robust hinges and long-life hood technology for ease of operation



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### Drive

- Low idling engine for minimized noise and fuel consumption
- Latest exhaust gas standard TIER V corresponding industrial motor with diesel particle filter for a long service life and low running costs
- Large graphic 5 inch colour display easy to read even in sunlight, intuitive operation, good operability with gloves
- Temperature preselection and monitoring
- Motor monitoring for long service life
- Operating hours counter for motor and pump for optimal recalculation
- Easy mode selection allows free pressure or speed selection for optimum working results with minimum diesel consumption, noise level and wear
- Quick overview of the tank levels
- Simplified troubleshooting
- Safe control architecture and programming of all safety-relevant functions
- Hot water: Patented burner control without solenoid valves for safe and efficient, as well as instant-stop, operation, weed control mode with high-precision temperature control, pre-heating of water by motor cooling for high energy efficiency
- Easy independent regeneration of particle filter
- Hatz engine approved for HVO100

### Water supply

- Washable stainless steel water-filter insert for maximum service life of pump and Unloader
- Always ready for operation, even in winter, due to frost protection system
- Water-tank low-level monitor to protect the high-pressure pump from running dry
- 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
- 25 m supply hose on resilient, permanently installed drum for fast and easy refilling of the water tank
- 50 m high-pressure hose on resilient, permanently installed drum for short set-up time
- 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
- 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

## DYNAJET 500 TH HELI BLUE PERFORMANCE

### TECHNICAL DATA

System	Hot- and cold-water high-pressure cleaners
Type	Trailer
Pressure class	500 bar (7.250 PSI)

### Pressure

Pressure class	500 bar (7.250 PSI)
Pressure variable	Yes

### Hydraulics

Minimum flow rate	14 l/min (3.71 Us gal/min)
Maximum flow rate	30 l/min (7.94 Us gal/min)
Pump revolution speed	Max. 1450 rpm
Hydraulic power	28 kW (38 Hp)
Pump	Ceramic triplex plunger
Temperature	Max. 95 °C

### Threaded connection

Input port	GEKA
Output port	M24x1.5 ET

### Drive

Motor type	Hatz 3-cylinder diesel motor (water-cooled) HV0100 Authorized
Motor power	42 kW (57 Hp)
Motor speed	Max. 2350 rpm
Power transmission from motor	Belts
Fuel consumption	7.5 l/h (2 Us gal/h) (at full load)
Volume fuel tank	Approx. 70 l (18.5 Us gal)

### Others

Chassis	Single-axle trailer with brake
Weight in kg	1.520,0
Dimensions (L/W/H)	371 x 207 x 208 cm
Dimensions open (L/W/H)	411 x 205 x 264 cm
Medium	Clear water, up to 40 °C (104F), min. 1.8 bar (26 PSI) max. 6 bar (90 PSI) supply pressure
Heating power oil burner/Dynabox	Dual oil burner with 2x max. 91 Kw (125 hP)
Consumption of oil burner (hot water devices only)	Approx. 14 /h
Article number	1491020

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### Scope of delivery

Standard equipment

Lifting eye, operating-hours meter, powerful diesel engine, 25 m supply hose mounted on a hose drum, 50 m high-pressure hose (DN 10), 1,000 l (264.55 US gal) water tank with water level gauge and monitoring, hot water system with 2 high performance diesel burners, automatic pressure regulator with hose pressure drop down-system, safety valve, operating manual.

DYNAJET provides a long variety of accessories for:

- Cleaning squares, stations & car parks
- Removal of concrete for renovation
- Weed control
- Cleaning & paint stripping ships
- Industrial cleaning
- Removing chewing gum
- Removal of graffiti
- Cleaning formwork
- Cleaning scaffolding
- Cleaning construction machinery
- Cleaning roofs
- Facade renovation
- Paints tripping of metal parts
- Tank & container cleaning
- Debarking trees
- Cleaning monuments



DYNAJET weed killer  
DUV 500



Protective suit



Floor cleaning system DFS 350  
VAC 350 bar



Roof cleaning system DRS 500  
500 bar

Dealer:



Double spray lance  
M22x1,5A - 500bar



Kit: Rotating nozzle