

DYNABOX 500 12V DC

1521009

DYNAJETting with a system: the powerful Dynabox 500/12 V hot-water unit, offering a working pressure of up to 500 bar (7,250 PSI), is the ideal complement for all DYNAJET trollies. Simply connect on the high-pressure side between the high-pressure cleaner and the cleaning tool and, with high-pressure hot water of up to 110 °C, you'll already be achieving results which aren't possible with conventional cold-water systems. The other special features of the Dynabox 500/12 V are, of course, its light weight, small dimensions and its easy-loading and easy-transportation characteristics. What is more, the Dynabox 500/12 V works with a 12 V supply voltage. This means that no 230 V power cable is necessary, because the Dynabox 500/12 V can be easily connected to and operated via the combustion-driven DYNAJET trollies which are equipped with sockets as standard.

Advantages

- Easy burner monitoring through integrated inspection glass.
- Control voltage supply via the normal power network.
- 12 V version for network-independent power supply on a DYNAJET trolley.
- Long connection hose (2 m) for simple and quick connection to a trolley.
- Tank fill-level indicator.
- A high standard of safety due to flow monitor, pressure switch, safety valve and optical flame monitor
- Compact design of the diesel burner and a high performance yield.
- Ergonomic handle.
- Large tank opening for easy filling.
- 4-wheel design with locking brake for secure positioning and maximum stability.



Base data

System Hot-water generators
Type Trolley/Box

Pressure

Pressure class 500 bar (7,250 PSI)
Pressure variable No
Minimal pressure 40 bar (580 PSI)

Hydraulics

Minimum flow rate 7 l/min (1.85 USgal/min)
Maximum flow rate 15 l/min (3.97 USgal/min)
Hydraulic power 14 kW (19 Hp)

Threaded connection

Input port M24x1,5 (ET)
Output port M24x1.5 ET

Drive

Drive type Diesel motor
Voltage and frequency 12 V direct current
Volume fuel tank Approx. 18 l (4.76 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 4 wheels
Weight in kg 140.0
Dimensions (L/W/H) 80 x 75 x 90 cm
Heating power oil burner/Dynabox Max. 67 kW (94 Hp)
Heating power 67 kW (94 Hp)

Scope of delivery (Standard version and standard accessories)

Standard scope of supply:

Mechanical safety valve to act as a safeguard, manual thermostat for temperature regulation and as an on/off switch, safety pressure switch, outlet hose connection, flow controller for monitoring the water flow, flame monitoring via photo cells in the combustion chamber, inspection glass for carrying out visual inspections, control system with reset button for fault monitoring (not in 12 V types), operating manual.

Scope of supply:

Approx. 2 m high-pressure hose 5/16" (DN8), approx. 3 m connecting cable, plug for 230 V or 12 V (depending on type).