

DYNAJET 500th and 800th

The powerful all-rounders



The pictures show the DYNAJET 500th



Unbeatable mobility and versatility thanks to the single-axle principle when combined with the optimum setup of water pressure, water quantity and perfect hot-water temperature.

- Independent hot-water high-pressure cleaners for flexible use at any location.
- Due to its water tank and fixed hose drum, the DYNAJET 500th is ready for immediate use.
- The wear-resistant pressure adjustment is infinitely variable, so that the cleaning performance can be ideally adapted to the cleaning object.

Technical data	DYNAJET 500 th	DYNAJET 800 th
Type	hot and cold-water	hot and cold-water
Max. operating pressure	500 bar (7,250 PSI)	800 bar (11,600 PSI)
Max. flow rate	15-30 l/ min (3.97-7.94 US gal/ h)	10-21 l/ min (2.65-5.56 US gal/ h)
Pump	triplex plunger pump with ceramic-coated pistons	
Engine (oil cooled)	Deutz three-cylinder diesel/ 34 kW (46.2 HP)	
Speed of engine/ pump	2,600/ 1,000 rpm	2,300/ 800 rpm
Fuel consumption ø	10 l/ h (2.65 USgal/ h) at full load	10 l/ h (2.65 USgal/ h) at full load
Heating power of 2 oil burners (effective)	2x 91 kW (125 Hp)	2x 65 kW (90 Hp)
Consumption of the two oil burners	total approx. 7 l/ h (1.85 USgal/ h) (at 60% operative)	
Water-tank capacity	1,000 l (264.55 USgal)	
Fuel/ heating-oil tank capacity	70 l/ 105 l (18.52 USgal/ 27.78 USgal)	
Discharge coupling	M24 x 1.5 IT	M24 x 1.5 DKO ET
Chassis	single axle trailer with brake	
Weight (without water)	1,600 kg	1,640 kg
L x W x H	365 x 210 x 210 cm	365 x 210 x 210 cm
Part no.	1 490.020	1 529.010

Standard scope of supply*

2x high performance water burners, powerful diesel engine, 12 V socket, high-pressure hose* and 25 m low-pressure supply hose with hose drum, safety valve, automatic hose pressure drop down-system, 1,000 l (264.55 USgal) water tank, lifting eye, operating manual. DYNAJET 800th also come with automatic frost protection and decalcification system.

* The 500th type is equipped with a 50 m high-pressure hose on a fixed hose drum. The 800th type is equipped with 2x 10 m high-pressure hoses on loose storage drums and 20 m remote control cable on a loose drum.

Special versions

	Part no.
<ul style="list-style-type: none"> ■ DYNAJET 500^t Available as a cold-water machine without hot-water burner in the following technical versions: 500 bar (7,250 PSI)/ 30 l/ min 400 bar (5,800 PSI)/ 37 l/ min 	On request 1 490.040
<ul style="list-style-type: none"> ■ Built-in module for the DYNAJET 500^{sh}/ 800^{sh} Identical technical data to DYNAJET 500th and 800th, but without chassis, mounted on an installation frame with forklift slots for internal transport and/ or installation and assembly, with 2 cover hoods, weight 1.420 kg (500^{sh}) resp. 1.460 kg (800^{sh}) L x W x H (closed): 220 x 147 x 177 cm L x W x H (open): 307 x 147 x 246 cm 	
DYNAJET 500^{sh}	1 490.030
DYNAJET 800^{sh}	1 529.030

Special equipment

	Part no.
<ul style="list-style-type: none"> ■ Decalcification unit (for 500^{th/sh}) 	438 165
<ul style="list-style-type: none"> ■ 12 V working headlight complete with approx. 2 m spiral cable and magnetic foot 	437 116
<ul style="list-style-type: none"> ■ 1 set of spark arrestors (for 500th/ 800th) or the diesel engine and for both hot-water burners, complete with connection parts 	
500th	439 998
800th	490 172
<ul style="list-style-type: none"> ■ Connection hose (for 500th) for high-pressure hoses with straight couplings to the drum, length 0.5 m, connections 3/8" BSP 90/ M24 x 1.5 ET 	459 593
<ul style="list-style-type: none"> ■ Cover for operator's side for 500^{sh/th/t} made of aluminium, complete with storage box made of stainless steel and vice 	518 729
<ul style="list-style-type: none"> ■ External emergency stop button with cable drum 50 m cable, additional accessories only fit with 500th – Special (Part no. 111 490.070) 	458 018
<ul style="list-style-type: none"> ■ Electronic throttle control Automatic electronic speed adjustment governed by operation of the spray gun. 	On request

All sets are supplied as single parts including sealing paste (heat-resistant). Further accessories and personal protective equipment can be found from page 48 onwards.

Scope of supply

High-pressure cleaning gun with extension pipe (total length approx. 800 mm), nozzle carrier and 15° flat-jet nozzle, storage box



	Part no.
<ul style="list-style-type: none"> ■ DYNAJET 500th – Special Specifications as the 500th but with following additional scope: spark arrester for engine and burner, battery disconnecting switch, connection socket for external remote emergency shutdown 	1 490.070
<ul style="list-style-type: none"> ■ DYNAJET 800th wireless Specifications are identical to 800th, but without remote control cable to gun, without cable reel and without automatic speed-pressure control. Manual speed adjustment via manual throttle analogous to 500th. Without integrated anti-freeze and decalcification system. 	1 529.080

Accessory sets



<ul style="list-style-type: none"> ■ Rotating nozzle system – Extension pipe – Hose connections – Rotating nozzle 		Part no.
	500 th	459 344
	800 th	531 125
<ul style="list-style-type: none"> ■ Water/ sand-blasting system WSS 500 – Extension pipe – Hose connections – Spray head incl. nozzle – Suction hose with suction pipe 		Part no.
	500 th	459 350
<ul style="list-style-type: none"> ■ Water/ sand-blasting system WSS 1000 – Extension pipe – Hose connections – Spray head incl. nozzle – Suction hose with suction pipe 		Part no.
	500 th	459 351
	800 th	487 234