

Yato | Code YT-85420 | Sku 1085420

Gasoline Water Pump 1"



Overview

The YT-85420 petrol water pump with a two-stroke engine is an efficient solution for pumping clean water where access to electricity is limited. Lightweight and powerful, it is well suited for garden, construction site, agricultural, and emergency use, offering a flow rate of up to 7.5 m³/h. The 52 cm³ two-stroke engine delivers 1.45 kW of power, while the 1.2-litre fuel tank allows extended operation without frequent refuelling. Maximum lifting height reaches up to 21 metres and suction height up to 8 metres. The 1" (25 mm) water connection integrates easily with standard hoses, and the unit weighs only 6.9 kg (without fuel) for easy transport and manoeuvring.

Key Technical Specifications

Wheels	No
Engine Power	1.45 kW
Engine Cooling	Air
Fuel-Oil Ratio	25:1
Max. Flow Rate	7.5 m ³ /h
Carrying Handle	Yes
Spark Plug Type	L7RTC
Max. Engine Speed	7500 min ¹
Number of Strokes	2
Fuel Tank Capacity	1.2 l
Engine Displacement	52 cm ³
Max. Lifting Height	21 m
Max. Suction Height	8 m
Number of Cylinders	1
Acoustic Power Level	103.3 ± 3.0 dB(A)
Water Outlet Diameter	1" (25 mm)

Weight (without fuel)	6.9 kg
Acoustic Pressure Level	93.3 ± 3.0 dB(A)

Key Points

- Two-stroke 52 cm³ engine delivering 1.45 kW — pumps clean water without mains electricity
- High flow rate up to 7.5 m³/h for efficient water transfer
- Maximum lifting height of 21 m and suction height of 8 m
- Standard 1" (25 mm) water connection for easy hose integration
- Lightweight at only 6.9 kg (without fuel) with a carrying handle for easy transport
- 1.2-litre fuel tank for long operating time between refuels
- Suitable for garden irrigation, construction sites, agricultural use, and emergency water removal
- Air-cooled single-cylinder two-stroke engine running at up to 7500 min⁻¹

Warnings

- For pumping clean water only — not suitable for dirty, abrasive, or chemically aggressive liquids
- Use the correct 25:1 fuel-oil mixture as specified — incorrect mixture may damage the engine
- Operate only in well-ventilated areas — exhaust gases contain carbon monoxide and are hazardous
- Noise levels (93.3 dB(A) acoustic pressure) require hearing protection during prolonged use