

WATERBLASTERS 300-335 SERIES



PTC Waterblasters 300-335 Series **Electric Driven**

The PTC Waterblasters 300-335 Series units are designed to meet the complete needs of the water blasting industry.

Our pump power ends can be mounted vertically or horizontally, which is unique. The inline fluid-end has a unique patented Intellivalve Technology. This is easy to assemble, quick and easy to maintain in just 15 minutes. Instead of 27 parts to remove there are only 3 pieces for the suction discharges valve and seats.

In order to upgrade the pressure and flow from 10K up to 20K you only need to change your plunger kit (suction/discharge valves and seats will be not replaced and can be used from 6K psi up to max 20K psi).

The 300 Series pumps have a max pressure of 20K psi / 1,400 bar (40K psi / 2,800 bar for UHP version), a flow rate up to 60 gpm (228 l/min) and the power to tackle the toughest water blasting applications. The crankshaft is only running 480 rpm which reduces your cost on parts and leads to longer life.





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ELECTRIC DRIVEN

Features

- Low pump speed and high level of reliability
- Flexible coupling between pump and motor shaft with guard
- Pumps have conversion kits have for pressure range from 8,700 psi to 20,000 psi
- Conversion kits have their own gauge, rupture disc assemblies and mounting blocks
- Pump is completely controlled by pressure and temperature switches

Industrial Engine

The unit includes a TEFC electric motor and a non-reversing magnetic starter with fuse protection and start/stop buttons and hour meter. The system is complete pre-wired for 460 volt service and comes complete with a safety disconnect:

- Model 300 - 300 HP (224 kW)
- Model 335 - 350 HP (260 kW)

Configurations

PTC has several models for the skid, with forklift slots, lifting eyes or top frame with lifting eyes but also as trailer mounted unit.

Engine Driven Pumping Assembly

- Three plunger pump with forced plunger cooling lubrication
- Direct connect with a flexible coupling and protection guard
- Stainless Steel water filter assembly
- 150 Gallon Stainless Steel water tank
- By-pass valve

Unit Models

| MODELS | FLOW RATE | | PRESSURE | |
|-------------------------|-----------|-------|----------|-------|
| | USgpm | l/min | psi | bar |
| UNIT MODELS 300 | | | | |
| WB-UHP-300400-ES | 10.75 | 40.7 | 40,600 | 2,800 |
| WB-H-300186-ES | 26.7 | 101 | 18,600 | 1,280 |
| WB-H-300149-ES | 30.4 | 115 | 14,900 | 1,030 |
| WB-H-300124-ES | 36.5 | 138 | 12,400 | 860 |
| WB-H-300094-ES | 47.6 | 180 | 9,400 | 650 |
| WB-H-300077-ES | 60.2 | 228 | 7,700 | 530 |
| UNIT MODELS 335 | | | | |
| WB-H-335203-ES | 26.7 | 101 | 20,300 | 1,400 |
| WB-H-335174-ES | 30.4 | 115 | 17,400 | 1,200 |
| WB-H-335145-ES | 36.5 | 138 | 14,500 | 1,000 |
| WB-H-335109-ES | 47.6 | 180 | 10,900 | 750 |
| WB-H-335087-ES | 60.2 | 228 | 8,700 | 600 |

Specifications subject to change without notice. All pumps and the complete units are tested prior to shipment. Customer training at our factory is available. PTC Waterblasting Systems can custom configure pump units to meet your specific requirements.



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