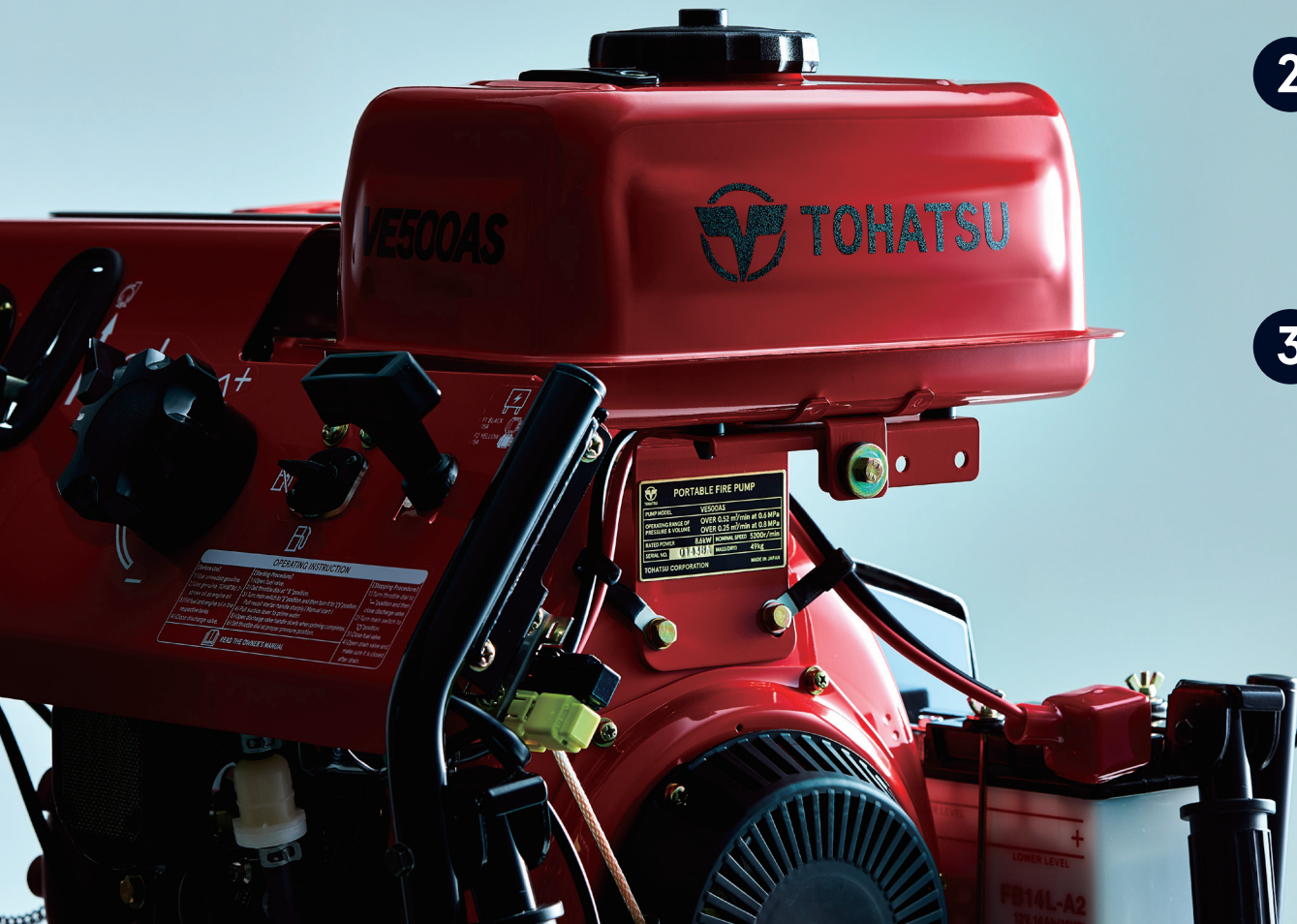


# Portable Fire Pump

# VE500AS

Small and compact, with outstanding features



## 1 Advanced engine technology for any tough environment

Newly adopted Electronic Fuel Injection System brings many benefits to an operator. Smoother and consistent transient throttle response, easier starting in cold conditions and highlands area, more accurate adjustment to account for extremes of ambient temperatures and changes in air pressure, more stable idling and no engine stalling, and no carburetor related issues.

## 2 Special surface treatment to deliver a robust and durable equipment

The pump unit installed on this model are applied with special surface treatment. This treatment contributes to extending the purpose of use and prolonging the working life. It allows you to use this pump not only for fire fighting purposes but also for drainage purposes in a flooded area.

## 3 Small and compact design philosophy

The dry weight of this model is less than 50kg, and it's the lightest weight in its class (Electronic Fuel Injection type). In order to improve usability, we install 4 storable carry handles on the frame. They allow you to carry anywhere.

### Priming Performance

- 3.7 sec at suction height 1 m
- 7.0 sec at suction height 3 m
- 15.4 sec at suction height 6 m

### Performance at Suction Height 3m

- 525 Lit/min at 0.6MPa (6 Bar)
- 250 Lit/min at 0.8MPa (8 Bar)

# SPECIFICATION

Engine	Type	2 stroke	
	Cooling system	Air cooled	
	Number of cylinder	1 cylinder	
	Displacement	198 cc (12.0 cu. In)	
	Authorized output	8.6 kW (11.7 PS)	
	Fuel tank capacity	5.95 Lit	
	*Fuel consumption	5.4 Lit / Hr	
	Starting system	Electric and manual	
	Lubrication	Auto mixing	
	Fuel feed system	Electronic fuel injection	
	Battery	12V-14Ah/10h	
	Floodlight bulb	12V-35W	
Suction	Vacuum pump	4 blade rotary-vane vacuum pump (Oilless-type)	
	Priming system	Manual	
Pump	Pump type	Single suction, single stage, high pressure turbine pump	
	Suction thread and dia.	**JIS 2-1/2" (65mm) male	
	Discharge thread and dia.	**JIS 2-1/2" (65mm) male	
	Discharge number	Single	
Pump performance	Discharge performance (Suction height : 3m)	0.8 MPa (8 bar)	250 LPM
		0.6 MPa (6 bar)	525 LPM
	Maximum suction height	Approx. 9m	
	Priming performance (Suction height at)	6m	15.4 sec
		3m	7.0 sec
1m		3.7 sec	
Weight	Dry weight	49 kg	
	Operative weight	55 kg	
Dimension	Overall Length x Width x Height	575 x 475 x 537 mm	

Note : \*At 525 LPM @ 0.6 Mpa (6 bar)    \*\*JIS : Japanese Industrial Standard Thread

# PERFORMANCE CURVE

