

For Sandy and Muddy Water

- Long operation time with large fuel tank.
- Suitable for mining and construction site.



• SIC

Silicon Carbide Mechanical Seal 4-5 times more durable than Standard Carbon Ceramic mechanical seal.

• FCD

Spheroidal Graphite Iron Casting for Impeller & Volute Casing 6.5 times more erosion resistance than Standard FC or Cast Iron.

■ Outstanding Features

- Suitable for Sandy and Muddy Water usage
- Particles up to 9 mm can be pumped through
- Guaranteed suction lift of 8 meters
- Long bolt assembly for easy maintenance



STY-100D

Solid Sizes

Max. 8mm



STY-50D

Max. 9mm

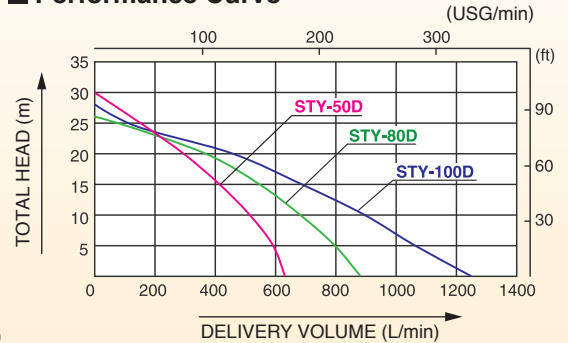


STY-80D
STY-100D



STY-80D

■ Performance Curve



■ Specification

	Model	STY-50D	STY-80D	STY-100D
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100mm (4")
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	30 m (98 ft)	26 m (85 ft)	28 m (91 ft)
	Delivery Volume	630 L/min (166 USG/min)	880 L/min (232 USG/min)	1250 L/min (330 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-Cooled 4-stroke Diesel Engine		
	Model	Yanmar L48N6		Yanmar L70N6
	Displacement	219 cc		320 cc
	Rated Output	3.1 kW (4.2PS) / 3600 rpm		4.4 kW (6.0PS) / 3600 rpm
	Max. Output	3.5 kW (4.7PS) / 3600 rpm		4.9 kW (6.7PS) / 3600 rpm
	Fuel	Diesel fuel		
	Fuel Tank Capacity	11 L (2.9USG)		
	Continuous Operating Time	Approx. 10.6 hrs		Approx. 7.7 hrs
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
Net Weight	45.1 kg (99.4 lbs)	47.7 kg (105 lbs)	68.6 kg (151 lbs)	
Gross Weight	50.3 kg (111 lbs)	53.3 kg (118 lbs)	77.5 kg (171 lbs)	
Dimensions L×W×H (mm)	548 × 513 × 698	548 × 513 × 698	668 × 513 × 788	
Packing Unit	1			