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

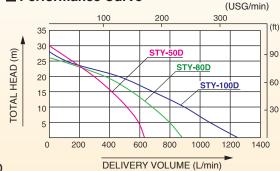
- Suitable for Sandy and Muddy Water usage
- Particles up to 9 mm can be pumped through
- · Guaranteed suction lift of 8 meters
- · Long bolt assembly for easy maintenance







■ Performance Curve



■ Specification

Model	STY-50D	STY-80D	STY-100D
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)		
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		
andard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
et Weight	45.1 kg (99.4 lbs)	47.7 kg (105 lbs)	68.6 kg (151 lbs)
ross Weight	50.3 kg (111 lbs)	53.3 kg (118 lbs)	77.5 kg (171 lbs)
mensions L×W×H (mm)	548 × 513 × 698	548 × 513 × 698	668 × 513 × 788
Packing Unit 1			
	Model Connection Dia Connection Thread Total Head Delivery Volume Max. Suction Lift Type Model Displacement Rated Output Max. Output Fuel Fuel Tank Capacity Continuous Operating Time Starting Method andard Accessories et Weight ross Weight Imensions L×W×H (mm)	Model Connection Dia Connection Thread Total Head Delivery Volume Max. Suction Lift Type Fo Model Displacement Rated Output Max. Output Fuel Fuel Tank Capacity Continuous Operating Time Starting Method andard Accessories et Weight Total Head 30 m (98 ft) 630 L/min (166 USG/min) Fo Model Yanmar 1219 Fo	Model STY-50D STY-80D Connection Dia 50 mm (2") 80 mm (3") Connection Thread Outer Pipe Thread BSP Total Head 30 m (98 ft) 26 m (85 ft) Delivery Volume 630 L/min (166 USG/min) 880 L/min (232 USG/min) Max. Suction Lift 8 m (26 ft) Type Forced Air-Cooled 4-stroke Diesel Enging Model Yanmar L48N6 Displacement 219 cc Rated Output 3.1 kW (4.2PS) / 3600 rpm Max. Output 3.5 kW (4.7PS) / 3600 rpm Fuel Diesel fuel Fuel Tank Capacity 11 L (2.9USG) Continuous Operating Time Approx. 10.6 hrs Starting Method Recoil Starter andard Accessories 1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 English at Weight 45.1 kg (99.4 lbs) 47.7 kg (105 lbs) ross Weight 50.3 kg (111 lbs) 53.3 kg (118 lbs) rmensions LxWxH (mm) 548 x 513 x 698 548 x 513 x 698