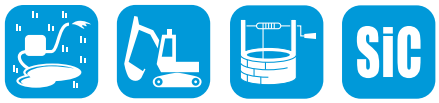
For Sandy and Muddy Water

- 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.



STY-100D



STY-80D

Solid Sizes

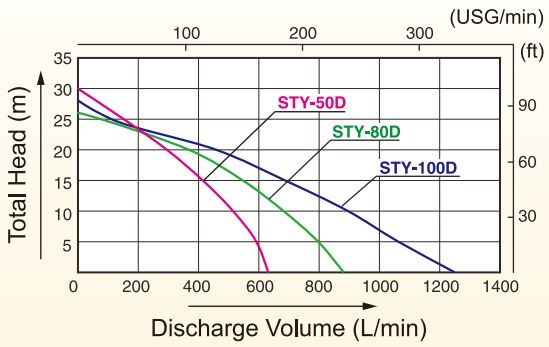
Max. 8mm — STY-50D

Max. 9mm — STY-80D, STY-100D

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

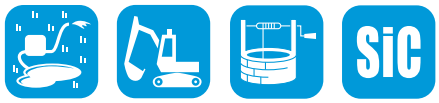


■ Specification

Model		STY-50D	STY-80D	STY-100D
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)
	Discharge 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		668 × 513 × 788
Packing Unit		1		

Heavy Duty Trash Pumps

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



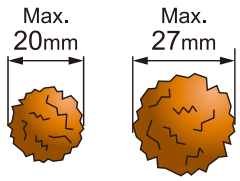


KTY-100D

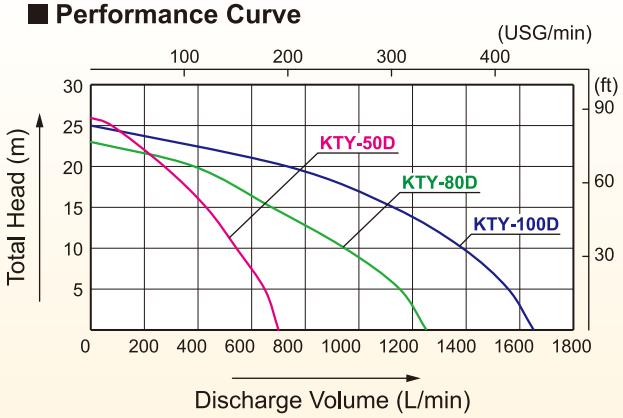
Outstanding Features

►Excellent Seal Durability
►Thoughtful Design
►Light Weight & Compact Design
►High Self-priming Performance

Solid Sizes



■ Performance Curve



■ Specification

	Model	KTY-50D	KTY-80D	KTY-100D
PUMP	Connection Dia	50mm (2")	80mm (3")	100mm (4")
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	24 m (79 ft)	23 m (75 ft)	27 m (89 ft)
	Discharge Volume	650 L/min (171 USG/min)	1250 L/min (330 USG/min)	1600 L/min (422 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-Cooled 4-stroke Diesel Engine		
	Model	Yanmar L48N6	Yanmar L70N6	Yanmar L100N6
	Displacement	219 cc	320 cc	435 cc
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm	4.4 kW (6.0 PS) / 3600 rpm	6.6 kW (9.0PS) / 3600 rpm
	Max. Output	3.5 kW (4.7 PS) / 3600 rpm	4.9 kW (6.7 PS) / 3600 rpm	7.4 kW (10 PS) / 3600 rpm
	Fuel	Diesel fuel		
	Fuel Tank Capacity	Tank size: 13L (3.4USG) / Usage level: 11L (2.9USG)		
	Continuous Operating Time	Approx. 10.6 hrs	Approx. 7.7 hrs	Approx. 5.0 hrs
	Starting Method	Recoil Starter		
Standard Accessories		1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
Net Weight		63.4 kg (139.8 lbs)	82.4 kg (181.7 lbs)	108.5 kg (239.2 lbs)
Gross Weight		70.1 kg (154.5 lbs)	90.3 kg (199.1 lbs)	118.4 kg (261 lbs)
Dimensions L×W×H (mm)		708 × 513 × 713	723 × 523 × 768	758 × 548 × 778
Packing Unit		1		