



HEAVY DUTY

Koshin Trash Pumps

•Excellent Seal Durability

Conventional mechanical seal using carbon ceramic is replaced by silicon carbide (SiC) seal. SiC seal is developed by Koshin and we are the first manufacturer to use such durable material in Japan.

•Thoughtful Design

Special plug designed on impeller allows easy removal.
Simply insert any rod and twist to separate impeller from its casing.
No special tool required.

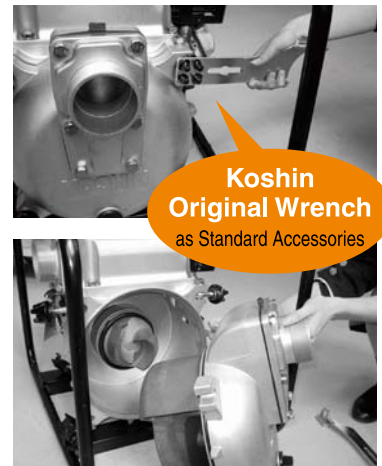
•Light Weight & Compact Design

Conventional trash pumps are very bulky and heavy, some more than 100 kg in weight. KTR-100X, the largest of all, weights only 81 kg.
The compact design takes up smaller space and is portable.

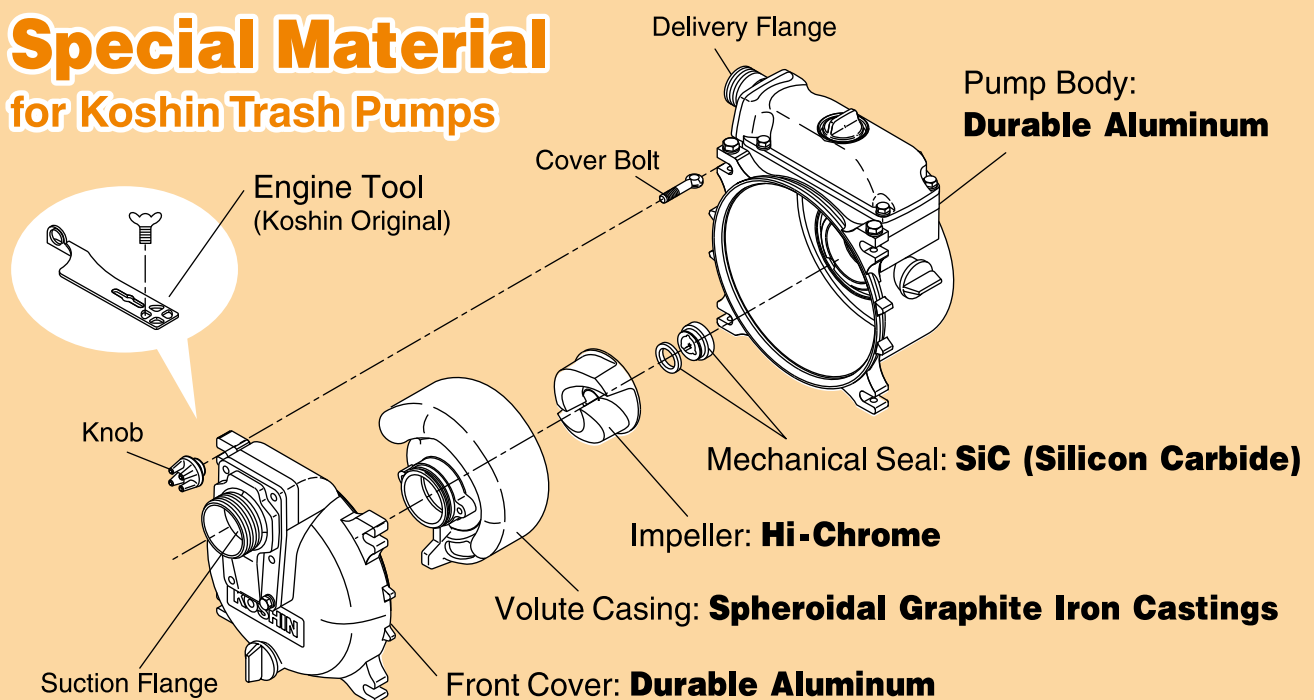
•High Self-priming Performance

Special structure is designed to ensure high capacity self-priming performance. Koshin trash pumps give excellent performance and durability.

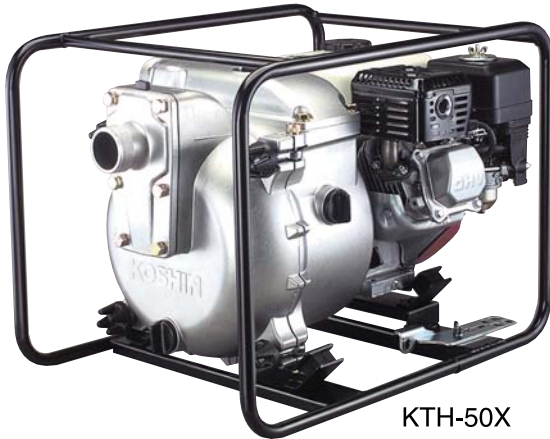
Easy & Quick Maintenance



Special Material for Koshin Trash Pumps



Heavy Duty Trash Pumps Powered by Honda & Mitsubishi Engine

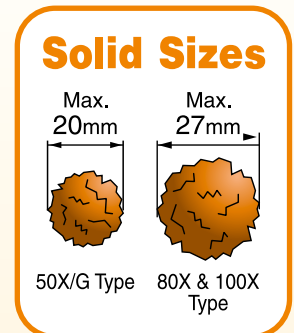
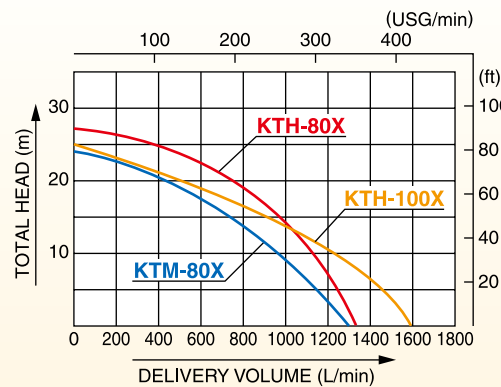
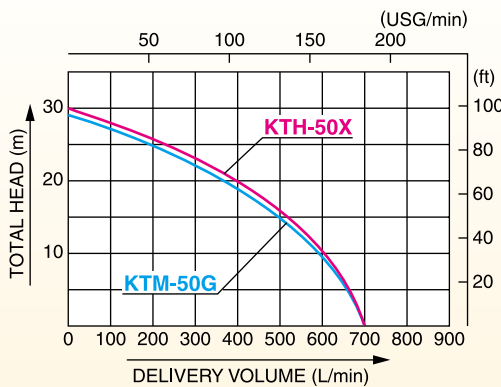


KTH-50X



KTM-80X

Performance Curve



Specifications

	Model	KTH-50X	KTH-80X	KTH-100X	KTM-50G	KTM-80X
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100 mm (4")	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP				
	Total Head	30 m (98 ft)	27 m (89 ft)	25 m (82 ft)	28 m (92 ft)	24 m (79 ft)
	Delivery Volume	700 L/min (185 USG/min)	1340 L/min (354 USG/min)	1600 L/min (422 USG/min)	700 L/min (185 USG/min)	1300 L/min (343 USG/min)
	Max. Suction Head	8 m (26 ft)				
	Material for Mechanical Seal	SiC (Silicon Carbide) × SiC				
	Material for Impeller	Hi-Chrome				
	Material for Volute	Spheroidal Graphite Iron Castings				
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine				
	Model	Honda GX160	Honda GX240	Honda GX340	Mitsubishi GT600	Mitsubishi GM291
	Exhaust Volume	163 cc	270 cc	337 cc	181 cc	296 cc
	Rated Output	2.9 kW (4.0 PS) / 3600 rpm	4.6 kW (6.3 PS) / 3600 rpm	5.8 kW (7.9 PS) / 3600 rpm	3.3 kW (4.5 PS) / 3600 rpm	4.4 kW (6.0 PS) / 3600 rpm
	Max. Output	3.6 kW (4.9 PS) / 3600 rpm	5.9 kW (8.0 PS) / 3600 rpm	7.1 kW (9.7 PS) / 3600 rpm	4.4 kW (6.0 PS) / 4000 rpm	5.9 kW (8.0 PS) / 4000 rpm
	Fuel	Automotive Unleaded Gasoline				
	Fuel Tank Capacity	3.1 L (0.82 USG)	5.3 L (1.40 USG)	6.1 L (1.61 USG)	3.8 L (1.0 USG)	6.0 L (1.58 USG)
	Continuous Operating Time	Approx. 2.2 hrs	Approx. 2.5 hrs	Approx. 2 hrs		Approx. 3 hrs
	Starting Method	Recoil Starter				
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight	51 kg (112 lbs)	64 kg (141 lbs)	86 kg (189 lbs)	55 kg (121 lbs)	68 kg (150 lbs)	
Dimensions LxWxH (mm)	646 × 488 × 509	711 × 506 × 570	780 × 570 × 652	646 × 488 × 509	721 × 536 × 582	
Packing Unit	1					