



For Construction &  
Civil Engineering

**KOSHIN TRASH**

**KTH Series**



KTH-50X

- 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 and 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.

**Specifications**

Model	KTH-50X	KTH-80X	KTH-100X
P Connection Dia	50 mm (2")	80mm (3")	100 mm (4")
U Connection Thread	Outer Pipe Thread		
M Delivery Head	30 m (98 ft)	27 m (89 ft)	25m (82 ft)
P Delivery Volume	700 L/min	1340 L/min	1600 L/min

		(185 USG/min)	(354 USG/min)	(422 USG/min)	
	Material for Mechanical Seal	SiC (Silicon Carbide) x SiC			
	Material for Impeller	Hi-Chrome			
	Material for Volute	Spheroidal Graphite Iron Castings			
	Type	Forced Air-cooled 4-stroke Gasoline Engine			
	Model	HONDA GX160	HONDA GX240	HONDA GX340	
ENGINE	Exhaust Volume	163 cc	242 cc	337 cc	
	Output	Rated Power	2.9 kW (3.9 PS) / 3600 rpm	4.4 kW (6.0PS) / 3600 rpm	5.8 kW (7.9 PS) / 3600 rpm
		Max. Power	3.6 kW (4.9 PS)/ 3600 rpm	5.3kW (7.2 PS)/ 3600 rpm	7.1 kW(9.7 PS)/ 3600 rpm
	Fuel Tank Capacity	3.1 L	5.3 L	6.1 L	
Continuous Operating Time	Approx. 2 hrs 10 min	Approx. 2 hrs 30 min	Approx. 2 hrs		
	Fuel	Automotive Unleaded Gasoline			
	Starting Method	Recoil Starter			
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set			
	Gross Weight	51 kg	63 kg	85 kg	
	Dimensions LxWxH (mm)	656 x 498 x 524	721 x 516 x 586	790 x 580 x 675	
	Packing Unit	1			

#### Robin Machineries & Equipment

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