

A close-up photograph of a silver FLO-KWIP engine drive self-priming pump. The pump is mounted on a black metal frame and is actively discharging a large volume of brown, turbid water through a flexible hose on the left. The pump is situated on a bed of gravel and sand. In the background, there are mountains under a clear blue sky. The overall scene is brightly lit, suggesting an outdoor construction or industrial setting.

**FLO-KWIP**

**ENGINE DRIVE  
SELF-PRIMING PUMPS**

**TRASH • SEMI-TRASH • DEWATERING**

# FLO-KWIP

## SELF-PRIMING TRASH PUMPS

The FLO-KWIP range of engine-drive self-priming trash pumps utilise a high quality Japanese-made pump end, coupled with genuine Honda petrol engines.

Models with electric-start Hatz diesel engines, are also available as an option.

As with all FLO-KWIP products, these pumps are packed with features & benefits that make them.....*Simply Better!!*

- › Lightweight and compact
- › All models include a rollframe, as standard
- › Trash Pump models have Hard-faced (SiC/SiC) mechanical seals
- › High self-priming performance with lift up to 8 metres
- › Trash pump models have quick-release pump casing for clearing any blockages and easy maintenance
- › Full custom-builds available to suit your specific requirements

### In this range:

**TRASH PUMPS** – large solids handling capacity

**SEMI-TRASH PUMPS** – ideal for dirty water

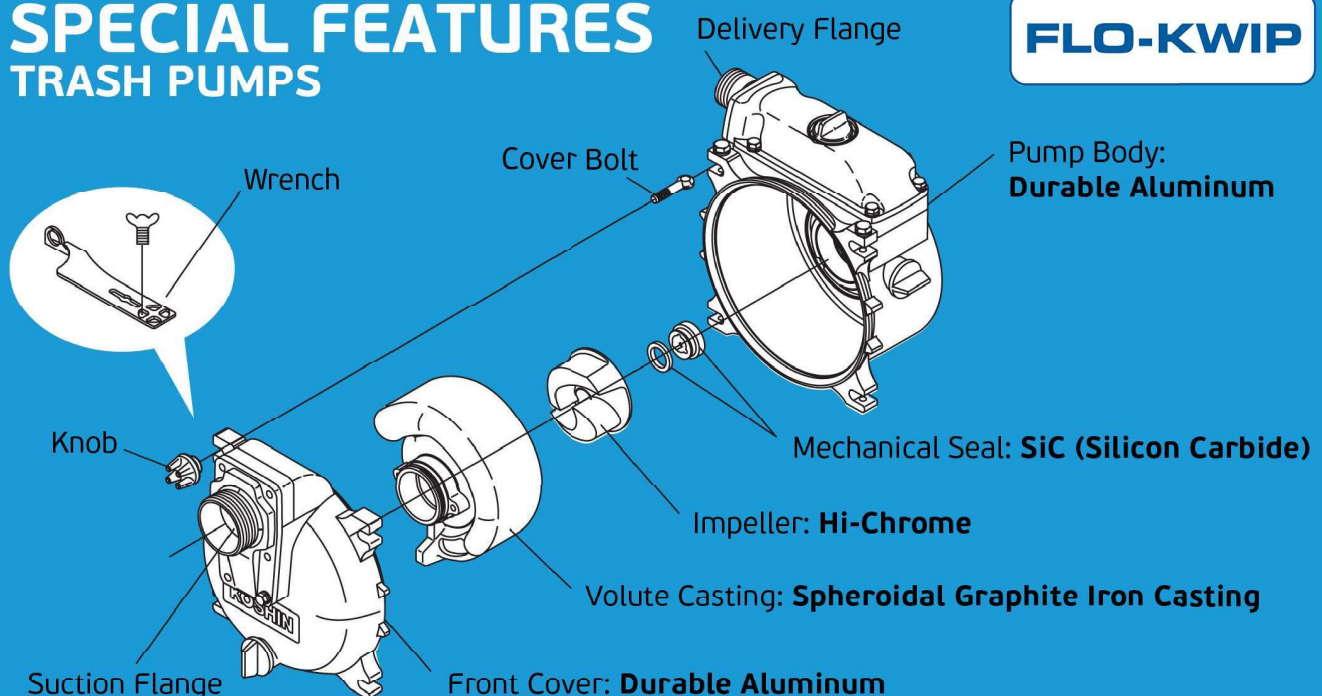
**DEWATERING PUMPS** – for high volume dewatering

A full range of FLO-KWIP hose assemblies, hose couplings and spare parts are also available to provide you with a complete pumping solution.



## SPECIAL FEATURES TRASH PUMPS

**FLO-KWIP**



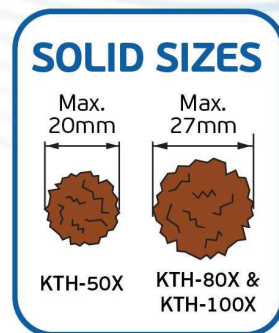
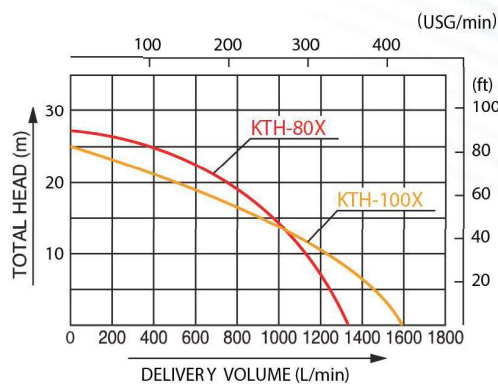
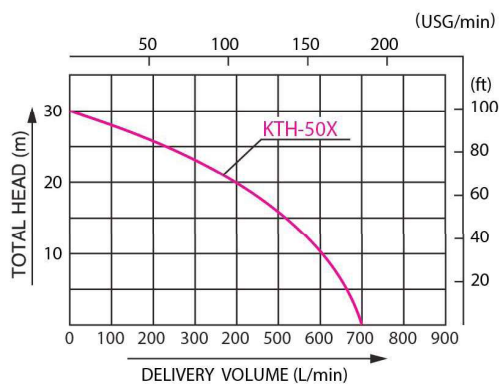
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# HEAVY DUTY TRASH PUMPS LARGE SOLIDS HANDLING

- › FLO-KWIP Trash Pumps are fitted with a hard-faced (SiC/SiC) mechanical seal for greater abrasion resistance and extended seal life
- › Improved Seal Durability
- › User-friendly Design
- › Quick-release front casing – can be easily removed by loosening 4 knobs and pulling the casing off, making it very quick and easy to clear any blockages
- › The Impeller is also designed for easy removal
- › Solids Handling Capacity - up to 27mm diameter



## PERFORMANCE CURVES



## SPECIFICATIONS

	MODEL	KTH-50X	KTH-80X	KTH-100X
PUMP	Weight	47 Kg	59 Kg	78 Kg
	Inlet/Outlet	50mm (2")	80mm (3")	100mm (4")
	Total Head	30m (98 ft)	27m (89 ft)	26m (85 ft)
	Max. Delivery Volume	700 L/min (185 GPM)	1340 L/min (354 GPM)	1650 L/min (436 GPM)
	Max. Suction Lift	8 m (26 ft)		
	Seal Type	Hard-faced Mechanical Seal (silicone Carbide)		

	Model	HONDA GX160	HONDA GX240	HONDA GX340
ENGINE	Displacement Cylinder	163 cc	270 cc	389 cc
	Fuel Type	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.1 L	5.3 L	6.1 L
	Starting Method	Recoil Starter		
	Guaranteed Sound Power	LWA 106dB	LWA 110dB	LWA 110dB
			4-Stroke Single cylinder Engine	

Standard Accessories

Suction strainer, 2 Camlocks, 1 Wrench

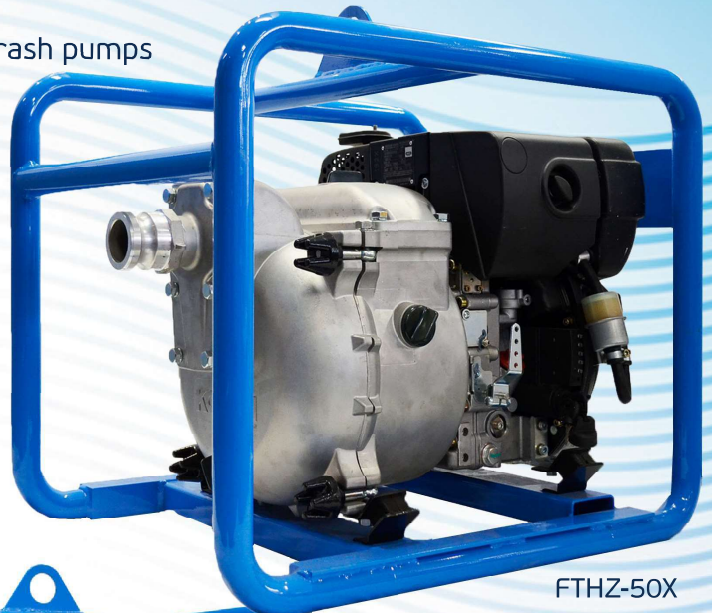
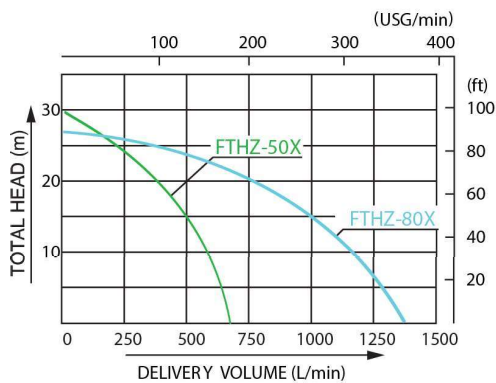
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# DIESEL-POWERED TRASH PUMPS WHEN YOU NEED GRUNT

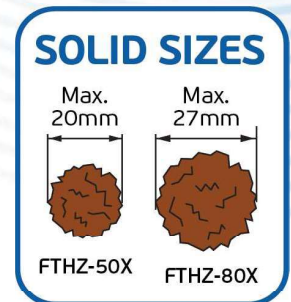
- › Same high quality pump-end as petrol powered Trash pumps
- › Hatz air-cooled Diesel engines
- › Recoil start and Electric start options available
- › Electric start models include battery and battery leads
- › Super heavy duty rollframe, with certified centre lift point
- › Quick-release front casing



## PERFORMANCE CURVE



FTHZ-50X



## SPECIFICATIONS

	MODEL	FTHZ-50X	FTHZ-80X
PUMP	Net Weight	87 Kg	97 Kg
	Connection Diameter	50 mm (2")	80 mm (3")
	Connection Thread	BSP	
	Total Head	30 m	27 m
	Delivery Volume	700 L/min	1340 L/min
	Max. Suction Head	8 m	

ENGINE	Model	HATZ IB20	HATZ IB30	
		HATZ air-cooled Diesel Engine		
	Output	Rated Power	3.1kW / 3600rpm	4.5kW / 3600rpm
		Max. Power	3.4kW / 3600rpm	5.0kW / 3600rpm
	Fuel Type	Diesel		
	Fuel Tank Capacity	3.2 L	5.0 L	
	Continuous Operating Time	Approx. 2.5 hrs (full tank)		
Starting Method	Recoil Starter			

Standard Accessories	1 Strainer, 1 Wrench, 2 Camlocks
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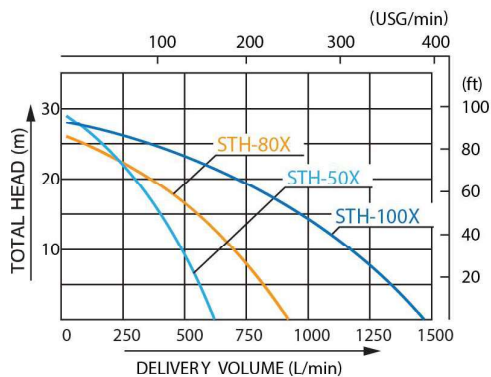
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# SEMI-TRASH PUMPS SANDY/DIRTY WATER

- › **Silicone Carbide Mechanical Seal (SIC.)**  
4 to 5 times more durable than standard Carbon Ceramic Mechanical Seals.
- › **Spheroidal graphite iron casting for Impeller and Casing**  
Significantly more corrosion resistant than standard FC or Cast iron.
- › Impeller can be removed easily without special tool
- › Long bolt assembly for easy maintenance
- › Genuine HONDA petrol engines



## PERFORMANCE CURVE



## SPECIFICATIONS

	MODEL	STH-50X	STH-80X	STH-100X
PUMP	Net Weight	23 Kg	29 Kg	56 Kg
	Connection Diameter	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	BSP		
	Total Head	29 m	26 m	28 m
	Delivery Volume	600 L/min	900 L/min	1450 L/min
	Max. Suction Head	8 m		

		HONDA GX120	HONDA GX160	HONDA GX240	
ENGINE	Model	Forced Air-cooled 4-Stroke Gasoline Engine			
	Exhaust Volume	118 cc	163 cc	270 cc	
	Output	Rated Power	2.1kW (2.9PS) / 3600rpm	2.9kW (3.9PS) / 3600rpm	4.6kW (6.3PS) / 3600rpm
		Max. Power	2.6kW (3.5PS) / 3600rpm	3.6kW (4.9PS) / 3600rpm	5.9kW (8.0PS) / 3600rpm
	Fuel Type	Automotive Unleaded Gasoline			
	Fuel Tank Capacity	2.0 L	3.1 L	5.3 L	
	Continuous Operating Time	Approx. 2 hrs (full tank)		Approx. 2.5 hrs (full tank)	
	Starting Method	Recoil Starter			

Standard Accessories	1 Strainer, 2 Camlocks, 1 Wrench
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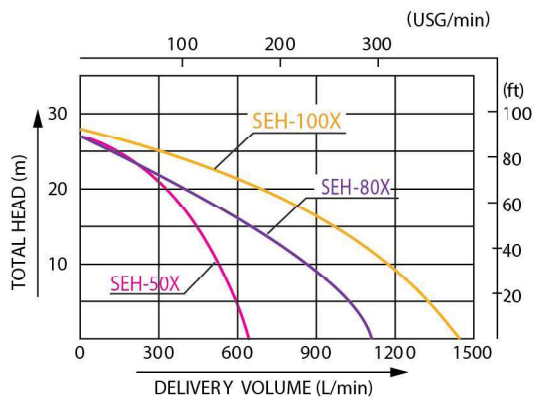
# DEWATERING TRASH PUMPS

## HIGH VOLUME DEWATERING

- › Highly effective Mechanical Seal made with special Carbon Ceramics provides extra durability
- › Entire unit is protected by sturdy Rollover Frame
- › Strong and lightweight die-cast Aluminium Pump



### PERFORMANCE CURVE



SEH-50X

### SPECIFICATIONS

	MODEL	SEH-50X	SEH-80X	SEH-100X
PUMP	Net Weight	21Kg	28Kg	54Kg
	Connection Diameter	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	BSP		
	Total Head	27 m	27 m	28 m
	Delivery Volume	640 L/min	1100 L/min	1450 L/min
	Max. Suction Head	8 m (26 ft)		

	Model	HONDA GX120	HONDA GX160	HONDA GX240	
ENGINE	Exhaust Volume	118 cc	163 cc	270 cc	
	Output	Rated Power	2.1kW (2.9PS) / 3600rpm	2.9kW (3.9PS) / 3600rpm	4.6kW (6.3PS) / 3600rpm
		Max. Power	2.6kW (3.5PS) / 4000rpm	3.6kW (4.9PS) / 4000rpm	5.9kW (8.0PS) / 3600rpm
	Fuel Type	Automotive Unleaded Gasoline			
	Fuel Tank Capacity	2.0 L	3.1 L	5.3 L	
	Continuous Operating Time	Approx. 2 hrs (full tank)		Approx. 2.5 hrs (full tank)	
Starting Method	Recoil Starter				

Standard Accessories	2 Camlocks, Suction Strainer, 1 Wrench
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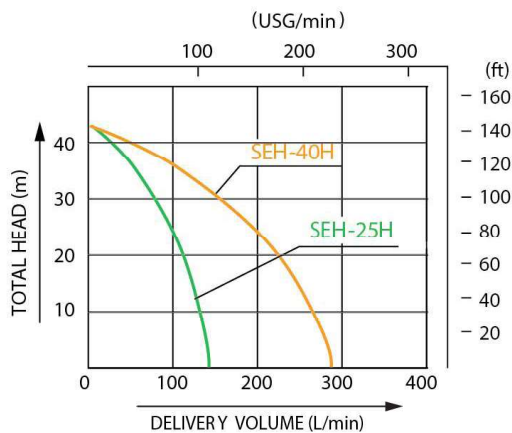
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# HIGH PRESSURE TRANSFER WATER PUMPS

- › Up to 50% fuel saving & noise reduction than 2-stroke engines
- › Double life span
- › Highly effective Mechanical Seal made with special Carbon Ceramics provides extra durability
- › Entire unit is protected by sturdy Rollover Frame
- › Strong and lightweight die-cast Aluminium Pump



## PERFORMANCE CURVES



## SPECIFICATIONS

	MODEL	SEH-25H	SEH-40H
PUMP	Net Weight	13.5 Kg	26 Kg
	Connection Diameter	25 mm (1")	40 mm (1½")
	Connection Thread	BSP	
	Total Head	43 m	43 m
	Delivery Volume	135 L/min	280 L/min
	Max. Suction Head	8 m	

ENGINE	Model	HONDA GXH50	HONDA GXH50	
	Exhaust Volume	49 cc	49.4 cc	
	Output	Rated Power	—	1.6kW (2.2PS) / 1700rpm
		Max. Power	1.8kW (2.5PS) / 7000rpm	—
	Fuel Type	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	0.9 L	0.7 L	
	Continuous Operating Time	Approx. 1 hr	Approx. 2 hrs	
	Starting Method	Recoil Starter		

Standard Accessories

2 Camlocks, Suction Strainer, 1 Wrench

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**FLO-KWIP**

If you require the best  
out of your fleet, you must  
put the best into it ...

**INSIST ON FLO-KWIP!**

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