

KOSHIN



GENERAL CATALOG Vol.6

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Trusted in 160 Countries for



KOSHIN LTD. JAPAN

▼ Explanation of pictogram



GARDENING



IRRIGATION



SPRINKLER



FIRE FIGHTING



WASHING



HIGH LIFT



FISH TANK



ON BOAT



200 L
DRUM CAN



SILICON CARBIDE
MECHANICAL SEAL



CONSTRUCTION



SHALLOW
WELL



FISH FARM

High Quality



ENGINE DRIVEN PUMPS Powered by KOSHIN ENGINE	4
SEMI-TRASH PUMPS Powered by KOSHIN ENGINE	8
TRASH PUMPS Powered by KOSHIN ENGINE	9
ENGINE DRIVEN PUMPS Powered by HONDA ENGINE	12
SEMI-TRASH PUMPS Powered by HONDA ENGINE	15
TRASH PUMPS Powered by HONDA ENGINE	16
ENGINE DRIVEN PLASTIC PUMPS	
Powered by HONDA ENGINE	18
ENGINE DRIVEN PUMPS (HIGH PRESSURE)	19
ENGINE DRIVEN PUMPS Powered by ROBIN (CC) ENGINE	21
ENGINE DRIVEN PUMPS	
Powered by KOSHIN and KUBOTA ENGINE	22
ENGINE DRIVEN PUMPS	
Powered by YANMAR DIESEL ENGINE	23
SEMI-TRASH PUMPS Powered by YANMAR DIESEL ENGINE	24
TRASH PUMPS Powered by YANMAR DIESEL ENGINE	25
BARE SHAFT PUMPS WITH PULLEY	26
GENERATOR	28
HIGH PRESSURE WASHER	31
SUBMERSIBLE PUMPS	32
GEAR PUMPS	35
ELECTRIC OIL PUMPS	37
ELECTRIC DRUM PUMPS	38
DRUM PUMPS	39
PLASTIC SYPHONE PUMPS, ELECTRIC OIL PUMPS	41
ELECTRIC WINCHES	42
MARINE PUMPS	44
ENGINE DRIVEN SPRAYER	46
BATTERIES AND MANUAL SPRAYER	48
SMART KOSHIN BATTERY SYSTEM	50
SNOW BLOWER	52



SEA WATER



CHEMICALS



HOME SWIMMING
POOL



OIL
(VISCOSITY)



OIL
TRANSFER



DRY CELL
BATTERY



ENVIRONMENT



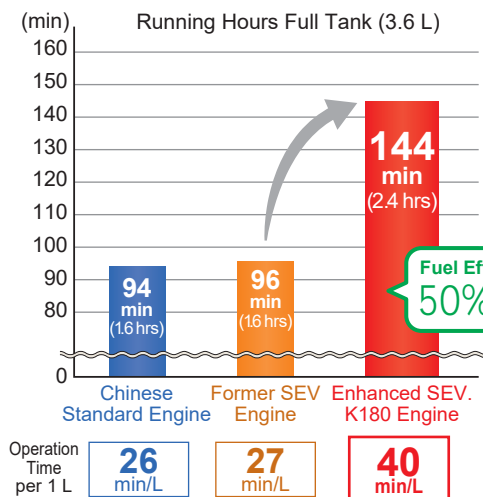
PORTABLE & POWERFUL

KOSHIN Engine Competitive Price & Guaranteed Quality

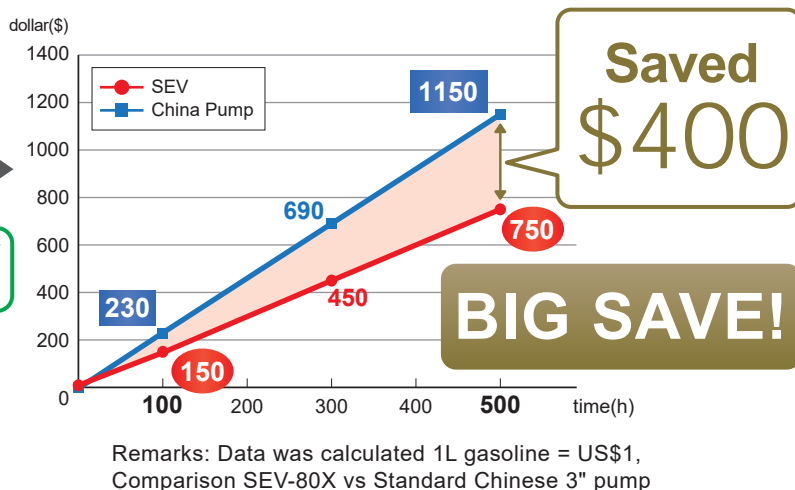
(1) Low fuel consumption. The Koshin engine achieves the lowest fuel consumption.

Low Fuel Consumption (SEV-80X case)

Comparison of Fuel Consumption



Comparison of Running Cost (Fuel)



(2) Low Vibration

Comfortable in use after reducing engine vibration.

(3) Guaranteed performance

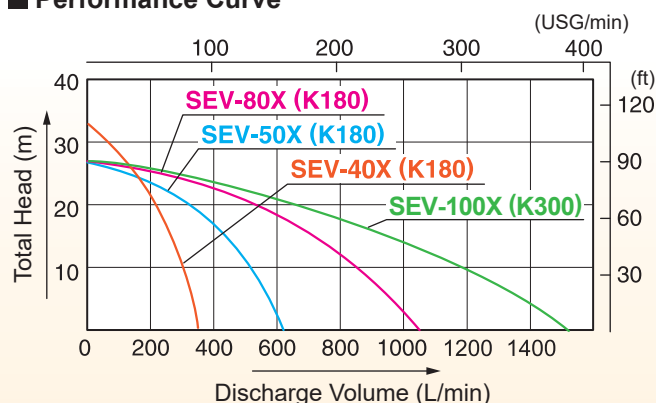
Koshin guarantees 8 m suction lift and specifications.

Clear Water Pumps



SEV-50X

Performance Curve



SEV-80X

Specification

Model		SEV-40X*	SEV-50X	SEV-80X	SEV-100X
PUMP	Connection Dia	40 mm (1½")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT			Outer Pipe Thread BSP
	Total Head	33 m (108 ft)	27 m (88 ft)		28 m (91 ft)
	Discharge Volume	340 L/min (90 USG/min)	620 L/min (163 USG/min)	1050 L/min (277 USG/min)	1500 L/min (396 USG/min)
	Max. Suction Lift	8 m (26 ft)			
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine			
	Model	Koshin K180			Koshin K300
	Displacement	179 cc			301 cc
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm			5.0 kW (6.8 PS) / 3600 rpm
	Max. Output	3.5 kW (4.8 PS) / 3600 rpm			6.0 kW (8.2 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline			
	Fuel Tank Capacity	3.6 L (0.95 USG)			5.9 L (1.55 USG)
	Continuous Operating Time	Approx. 2.6 hrs		Approx. 2.4 hrs	Approx. 1.8 hrs
Starting Method	Recoil Starter				
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Net Weight	26.5 kg (58.4 lbs)	25.2 kg (55.5 lbs)	27.4 kg (60.4 lbs)	54.9 kg (121.0 lbs)	
Gross Weight	29.0 kg (63.9 lbs)	27.2 kg (59.9 lbs)	29.4 kg (64.8 lbs)	64.3 kg (141.8 lbs)	
Dimensions L×W×H (mm)	554 × 406 × 424	504 × 405 × 411	543 × 425 × 425	718 × 525 × 675	
Packing Unit	1				

*Japanese Domestic Model

Clear Water Pumps

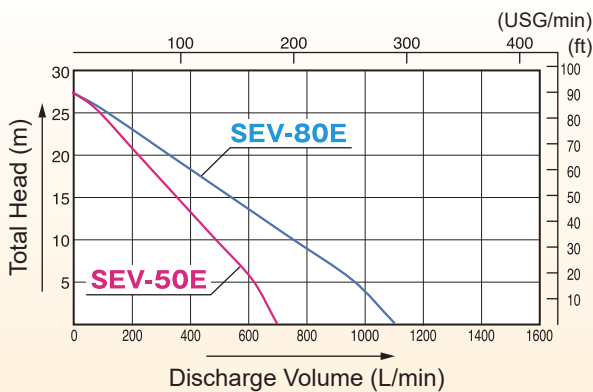
Outstanding Features

- ▶ Powerful Engine
- ▶ 8m Suction Lift
- ▶ Easy to Carry with Compact and Light-weight Body



SEV-50E

Performance Curve



SEV-80E

Specification

Model		SEV-50E	SEV-80E
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	27 m (88 ft)	
	Discharge Volume	670 L/min (177 USG/min)	1100 L/min (290 USG/min)
	Max. Suction Lift	8 m (26 ft)	
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin K210S	
	Displacement	209 cc	
	Rated Output	3.7 kW (5.0 PS) / 3600 rpm	
	Max. Output	4.3 kW (5.8 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	Tank size: 3.3 L (0.87 USG), Usage level: 2.6 L (0.68 USG)	
	Continuous Operating Time	Approx. 1.4 hrs	Approx. 1.3 hrs
	Starting Method	Recoil Starter	
	Standard Accessories	1 Strainer, 2 Coupling set, 3 Hose bands, 1 Engine Tool	
Net Weight	21.9 kg (48.3 lbs)	24.4 kg (53.7 lbs)	
Gross Weight	23.9 kg (52.7 lbs)	26.8 kg (59.0 lbs)	
Dimensions L×W×H (mm)	504 × 405 × 411	543 × 425 × 425	
Packing Unit	1		



4
STROKE

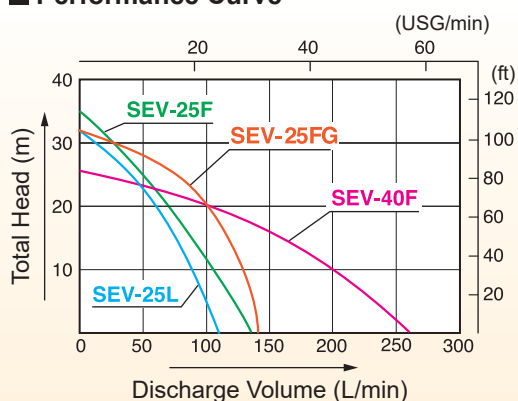
SEV-25F

ULTRALIGHT 4-STROKE ENGINE

- **EASIER STARTING!**
- **LESS NOISE!**

- Environmentally friendly 4-stroke engine
- Cleaner exhaust emissions
- Less the CO and NOx emissions compared with 2-stroke engine

■ Performance Curve



2
STROKE

SEV-25L



4
STROKE

SEV-40F

■ Specification

Model		SEV-25L	SEV-25F	SEV-25FG*	SEV-40F
PUMP	Connection Dia	25 mm (1")			40 mm (1½")
	Connection Thread	Outer Pipe Thread BSP or NPT			
	Total Head	32 m (105 ft)	35 m (115 ft)	32 m (105 ft)	26 m (85 ft)
	Discharge Volume	110 L/min (29 USG/min)	130 L/min (34 USG/min)	140 L/min (32 USG/min)	260 L/min (68 USG/min)
	Max. Suction Lift	8 m (26 ft)			
ENGINE	Type	Forced Air-cooled 2-stroke Gasoline Engine		Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin KC26	Koshin K35	Koshin K100	
	Displacement	26 cc	35.2 cc	98 cc	
	Rated Output	—		1.6 kW (2.2 PS) / 3600 rpm	
	Max. Output	0.75 kW (1.0 PS) / 8000 rpm	0.81 kW (1.1 PS) / 6500 rpm	1.8 kW (2.4 PS) / 3600 rpm	
	Fuel	2-stroke Mixed Gas and Oil (50:1)		Automotive Unleaded Gasoline	
	Fuel Tank Capacity	0.6 L (0.16 USG)	0.73 L (0.19 USG)	1.8 L (0.47 USG)	
	Continuous Operating Time	Approx. 50 min	Approx. 55 min	Approx. 2 hrs	
Starting Method		Recoil Starter			
Standard Accessories		1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set			
Net Weight		5.5 kg (12.1 lbs)	7.4 kg (16.3 lbs)	18 kg (39.7 lbs)	
Gross Weight		6.8 kg (15 lbs)	8.5 kg (18.7 lbs)	20.5 kg (45.2 lbs)	22 kg (48.5 lbs)
Dimensions L×W×H (mm)		358 × 263 × 323	403 × 266 × 348	490 × 330 × 397	450 × 330 × 397
Packing Unit		1			

*Japanese Domestic Model

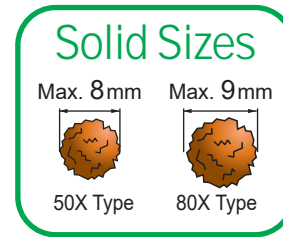
For Sandy and Muddy Water

• **SIC**

Silicon Carbide Mechanical Seal 4-5 times more durable than Standard Carbon Ceramic mechanical seal.

• **FCD**

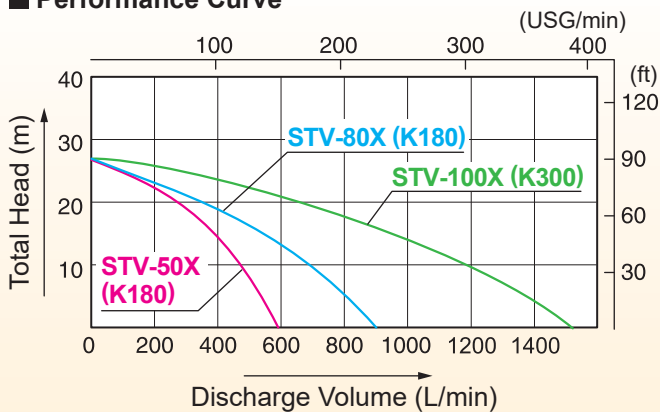
Spheroidal Graphite Iron Casting for Impeller & Volute Casing 6.5 times more erosion resistance than Standard Cast Iron (FC200)



Outstanding Features

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

■ **Performance Curve**



STV-80X

■ **Specification**

Model	STV-50X	STV-80X	STV-100X	
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT		Outer Pipe Thread BSP
	Total Head	26 m (85 ft)		28 m (91 ft)
	Discharge Volume	580 L/min (153 USG/min)	900 L/min (238 USG/min)	1500 L/min (396 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Koshin K180		Koshin K300
	Displacement	179 cc		301 cc
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm		5.0 kW (6.8 PS) / 3600 rpm
	Max. Output	3.5 kW (4.8 PS) / 3600 rpm		6.0 kW (8.2 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.6 L (0.95 USG)		5.9 L (1.55 USG)
	Continuous Operating Time	Approx. 2 hrs	Approx. 1.6 hrs	Approx. 1.8 hrs
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set, 1 Spanner		
Net Weight	29 kg (63 lbs)	30.9 kg (68.1 lbs)	56.5 kg (124.6 lbs)	
Gross Weight	31 kg (68.3 lbs)	32.9 kg (72.5 lbs)	66.1 kg (145.7 lbs)	
Dimensions L×W×H (mm)	554 × 400 × 471	593 × 425 × 528	718 × 525 × 675	
Packing Unit	1			



HEAVY DUTY

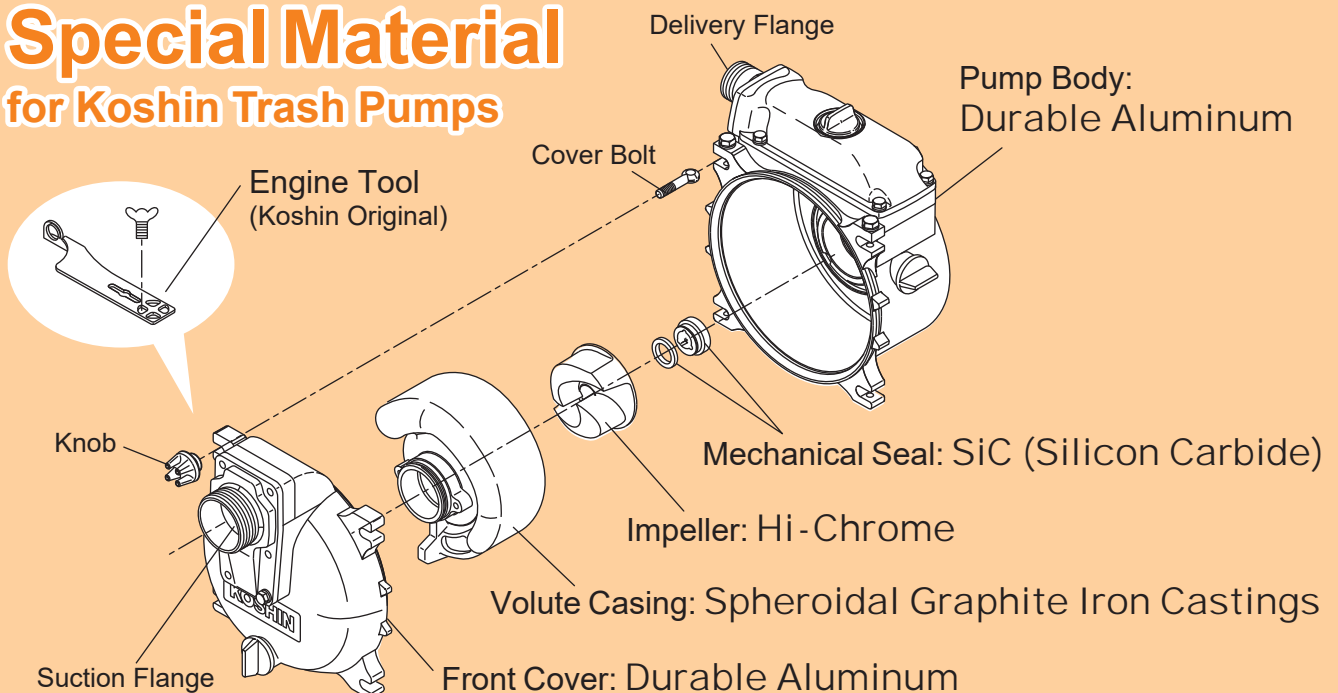
Koshin Trash Pumps

- **Reasonable price**
About 30% less price compared to same quality trash pumps.
The most affordable price ever.
- **Excellent Quality**
Provides powerful performance and long durability with New KOSHIN engine and enhanced pump.
- **Easy maintenance**
Thoughtful flame for easy replacement of carburetor.
You can clear inside of pump by simply removing pump casing with only one tool.

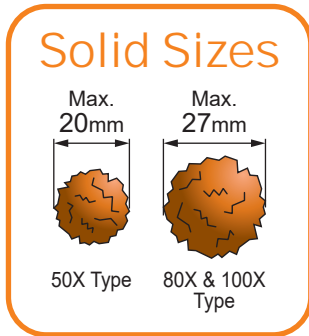
Easy & Quick Maintenance



Special Material for Koshin Trash Pumps

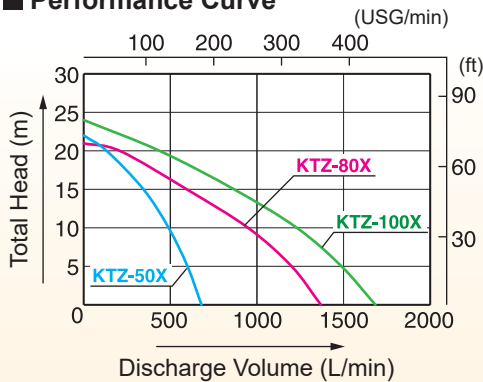


Heavy Duty Trash Pumps



KTZ-80X

Performance Curve



KTZ-100X

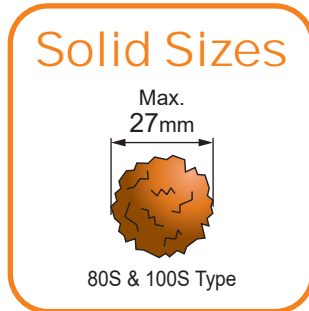
Specification

Model	KTZ-50X	KTZ-80X	KTZ-100X	
PUMP	Connection Dia	50 mm(2")	80 mm(3")	100 mm(4")
	Connection Thread	Outer Pipe Thread BSP or NPT		
	Total Head	22 m (72 ft)	21 m (68 ft)	24 m (78 ft)
	Discharge Volume	680 L/min (179 USG/min)	1370 L/min (361 USG/min)	1680 L/min (443 USG/min)
	Max.Suction Lift	8 m (26 ft)		
	Material for Mechanical Seal	SiC (Silicon Carbide) × SiC		
	Material for Impeller	Hi-Chrome		
Material for Volute	FCD 450			
ENGINE	Type	Forced Air-Cooled 4-stroke Gasoline Engine		
	Model	Koshin K180	Koshin K300	Koshin K420
	Displacement	179 cc	301 cc	420 cc
	Rated Output	3.1 kW (4.2PS) / 3600 rpm	5.0 kW (6.8 PS) / 3600 rpm	7.2 kW (9.8 PS) / 3600 rpm
	Max. Output	3.5 kW (4.8PS) / 3600 rpm	6.0 kW (8.2 PS) / 3600 rpm	8.6 kW (11.7 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.6 L (0.95 USG)	5.9 L (1.5 USG)	5.9 L (1.5 USG)
	Continuous Operating Time	Approx. 2.0 hrs		Approx. 1.5 hrs
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 3 Hose Bands, 1 Engine Tool Set, 1 Multi Tool Wrench (BSP Type: 2 Hose Couplings)		
Net Weight	48.1 kg (106.0 lbs)	61.6 kg (135.8 lbs)	78.2 kg (172.4 lbs)	
Gross Weight	54 kg (119 lbs)	68.4 kg (150.8 lbs)	88.0 kg (194.0 lbs)	
Dimensions L×W×H (mm)	703 × 579 × 542	726 × 579 × 603	816 × 621 × 632	
Packing Unit	1			

New Design with Easy Maintenance

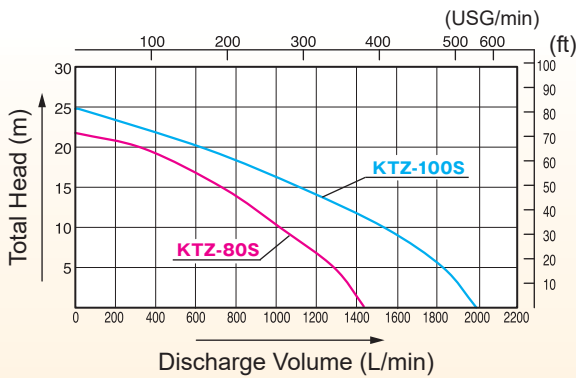
Powered by KOSHIN K300 & K420

- The front cover can be removed easily without removing hoses
- Handles on the front cover can be installed in vertical or horizontal position
- Easy removal of knobs
- New Impeller design with hexagon boss for easy installation and removal



KTZ-80S

Performance Curve



KTZ-100S

Specification

Model		KTZ-80S	KTZ-100S
PUMP	Connection Dia	80 mm(3")	100 mm(4")
	Connection Thread	Outer Pipe Thread BSP or NPT	
	Total Head	22 m (72 ft)	25 m (82 ft)
	Discharge Volume	1420 L/min (375 USG/min)	1980 L/min (523 USG/min)
	Max.Suction Lift	8m (26 ft)	
	Material for Mechanical Seal	Sic (Silicon Carbide) × Sic	
	Material for Impeller	Hi-Chrome	
Material for Volute	FCD450		
Type	Forced Air-Cooled 4-stroke Gasoline Engine		
ENGINE	Model	Koshin K300	Koshin K420
	Displacement	301cc	420cc
	Rated Output	5.0 kW (6.8 PS) / 3600 rpm	7.2 kW (9.8 PS) / 3600 rpm
	Max. Output	6.0 kW (8.2 PS) / 3600 rpm	8.6 kW (11.7 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	5.9L (1.5 USG)	
	Continuous Operating Time	Approx. 2 hrs	Approx. 1.5 hrs
	Starting Method	Recoil Starter	
Standard Accessories	1 Strainer, 3 Hose Bands, 1 Engine Tool Set, 1 Multi Tool wrench (BSP Type: 2 Hose Couplings)		
Net Weight	65.3 kg (144.0 lbs)	81.2 kg (179.0 lbs)	
Gross Weight	72.6 kg (160.1 lbs)	90.5 kg (199.5 lbs)	
Dimensions L×W×H(mm)	729 × 589 × 602	800 × 621 × 624	
Packing Unit	1		

Environment Friendly Low Noise

* Engine noise are half of 2-stroke engine.

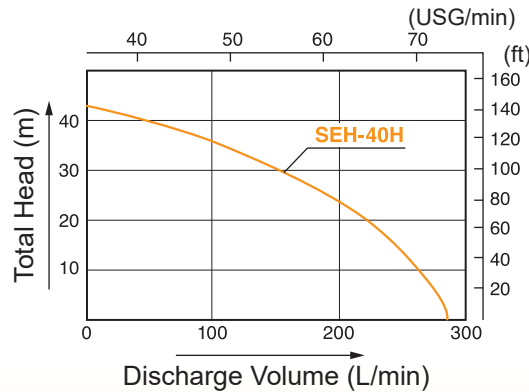
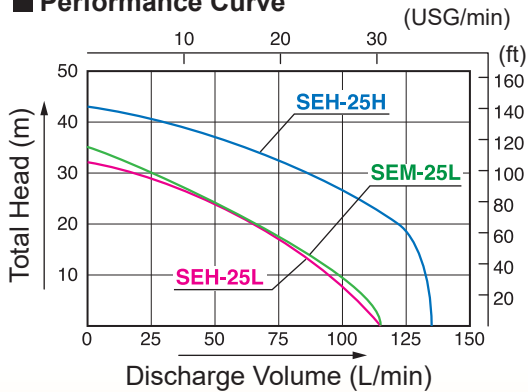


SEH-25H



SEH-25L

Performance Curve



SEM-25L

Available 25 mm Hose Set

N-Type Hose Set

- Washing of agriculture & construction machinery



- 1 Discharge hose <8 m (26 ft)>
- 1 Nozzle (Jet)

R-Type Hose Set

- Washing of agriculture machinery
- Water sprinkling to the field



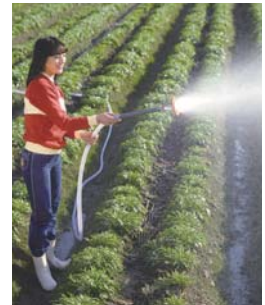
- 1 Discharge hose <8 m (26 ft)>
- 1 Nozzle (Jet & Mist)

New Spray Nozzle



SJ-20

- Large volume of spraying water
- 1 Coupling set <20 mm (¾")>
- 1 Hose nipple <20 mm (¾") × 15 mm (½")>



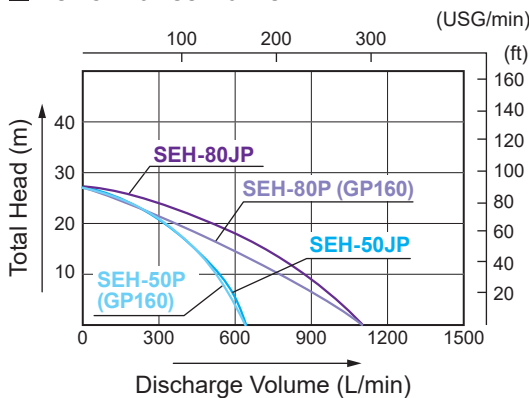
Specification

Model	SEH-25L	SEH-25H	SEH-40H	SEM-25L	
PUMP	Connection Dia	25 mm (1")		25 mm (1")	
	Connection Thread	Outer Pipe Thread BSP or NPT			Outer Pipe Thread BSP
	Total Head	32 m (105 ft)	43 m (141 ft)		35 m (115 ft)
	Discharge Volume	115 L/min (30 USG/min)	135 L/min (36 USG/min)	280 L/min (73 USG/min)	115 L/min (30 USG/min)
	Max. Suction Lift	8 m (26 ft)			
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine			Forced Air-cooled 2-stroke Gasoline Engine
	Model	Honda GX25	Honda GXH50		MEiKi Power TUE26
	Displacement	25 cc	49.4 cc		25.6 cc
	Rated Output	—			
	Max. Output	0.72 kW (1.0 PS) / 7000 rpm	1.6 kW (2.2 PS) / 7000 rpm		1.03 kW (1.4 PS) / 7500 rpm
	Fuel	Automotive Unleaded Gasoline			2 Stroke Mixed Gas and Oil (50:1)
	Fuel Tank Capacity	0.53 L (0.14 USG)	0.77 L (0.20 USG)		0.6 L (0.16 USG)
	Continuous Operating Time	Approx. 1 hr		Approx. 2 hrs	Approx. 1 hr
	Starting Method	Recoil Starter			
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Net Weight	5.5 kg (12.1 lbs)	11.5 kg (25.4 lbs)		5.0 kg (11.0 lbs)	
Gross Weight	7 kg (15.4 lbs)	13.5 kg (29.7 lbs)		6.5 kg (14.3 lbs)	
Dimensions L×W×H (mm)	375 × 243 × 320	455 × 302 × 447		330 × 245 × 325	
Packing Unit	1				

Complete Range of Water Pumps Powered by Honda Engine



Performance Curve



* Performance ratings are guaranteed minimum, not inflated maximum.



SEH-50JP



SEH-80P

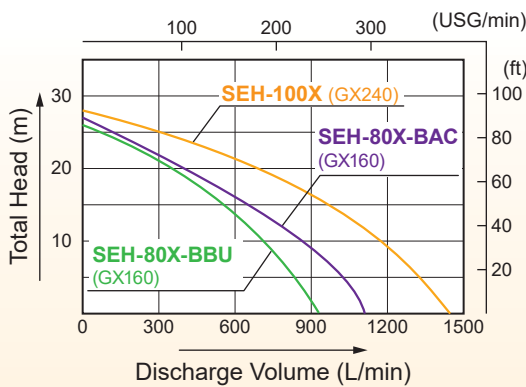
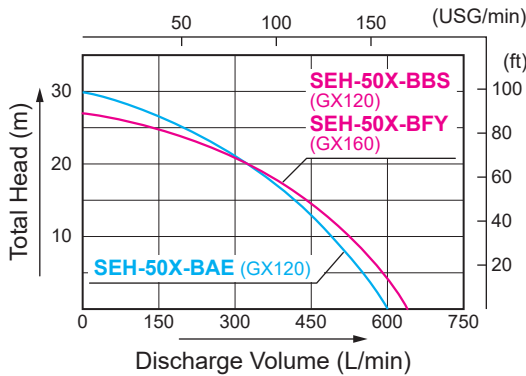
Specification

Model	SEH-50JP	SEH-80JP	SEH-50P	SEH-80P
Connection Dia	50 mm (2")	80 mm (3")	50 mm (G2")	80 mm (G3")
Connection Thread	Outer Pipe Thread BSP			
Total Head	27 m (88 ft)			
Discharge Volume	640 L/min (169 USG/min)	1100 L/min (290 USG/min)	640 L/min (169 USG/min)	1100 L/min (290 USG/min)
Max. Suction Lift	8 m (26 ft)			
Type	Forced Air-cooled 4-stroke Gasoline Engine			
Model	Honda GP160			
Displacement	163 cc			
Rated Output	2.9 kW (3.9 PS) / 3600 rpm			
Max. Output	3.6 kW (4.9 PS) / 3600 rpm			
Fuel	Automotive Unleaded Gasoline			
Fuel Tank Capacity	3.1 L (0.8 USG)			
Continuous Operating Time	Approx. 2.5 hrs	Approx. 2.2 hrs	Approx. 2.5 hrs	Approx. 2.2 hrs
Starting Method	Recoil Starter			
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set			
Net Weight	24 kg (52.9 lbs)	26.1 kg (57.5 lbs)	24.2 kg (53.3 lbs)	26.7 kg (58.8 lbs)
Gross Weight	26 kg (57.3 lbs)	28.8 kg (63.4 lbs)	26.2 kg (57.7 lbs)	29.5 kg (65.0 lbs)
Dimensions L×W×H (mm)	504 × 401 × 406	543 × 425 × 425	521 × 400 × 411	543 × 425 × 425
Packing Unit	1			

Complete Range of Water Pumps Powered by Honda Engine



Performance Curve



SEH-50X



SEH-80X

Specification

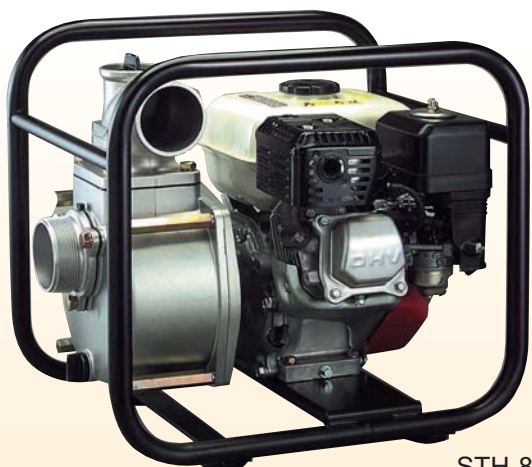
Model	SEH-50X-BAE	SEH-50X-BBS	SEH-50X-BFY	SEH-80X-BBU	SEH-80X-BAC	SEH-100X	
PUMP	Connection Dia		50 mm (2")		80 mm (3")		
	Connection Thread		Outer Pipe Thread BSP or NPT				100 mm (4")
	Total Head	30 m (98 ft)	27 m (88 ft)		26 m (85 ft)	27 m (88 ft)	28 m (92 ft)
	Discharge Volume	600 L/min (158 USG/min)	640 L/min (169 USG/min)		930 L/min (246 USG/min)	1100 L/min (290 USG/min)	1450 L/min (383 USG/min)
	Max. Suction Lift	8 m (26 ft)					
	Impeller	FC200					
	Volute Casing	ADC12	FC200		ADC12	FC200	
ENGINE	Type						Forced Air-cooled 4-stroke Gasoline Engine
	Model		Honda GX120		Honda GX160		Honda GX240
	Displacement		122 cc		163 cc		270 cc
	Rated Output		2.1 kW (2.9 PS) / 3600 rpm		2.9 kW (3.9 PS) / 3600 rpm		4.6 kW (6.3 PS) / 3600 rpm
	Max. Output		2.4 kW (3.3 PS) / 3600 rpm		3.6 kW (4.9 PS) / 3600 rpm		5.9 kW (8.0 PS) / 3600 rpm
	Fuel						Automotive Unleaded Gasoline
	Fuel Tank Capacity		2.0 L (0.53 USG)		3.1 L (0.82 USG)		5.3 L (1.4 USG)
	Continuous Operating Time						Approx. 2 hrs
	Starting Method						Recoil Starter
Standard Accessories							1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set
Net Weight		21 kg (46.3 lbs)	21 kg (46.3 lbs)	25.2 kg (56.2 lbs)	25.9 kg (57.0 lbs)	28 kg (61.7 lbs)	54 kg (119 lbs)
Gross Weight		22 kg (48.5 lbs)	23 kg (50.7 lbs)	27.2 kg (59.9 lbs)	29 kg (63.9 lbs)	30 kg (66.0 lbs)	59 kg (130 lbs)
Dimensions L×W×H (mm)		483 × 375 × 376		504 × 401 × 406	543 × 425 × 425	525 × 389 × 463	680 × 490 × 675
Packing Unit							1

Economical Trash Pumps For Sandy & Muddy Water

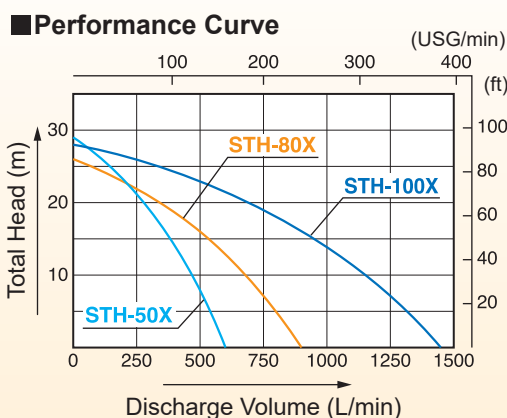
- Silicon Carbide Mechanical Seal (SiC).
4 to 5 times more durable than standard Carbon Ceramic Mechanical Seal.
- Spheroidal graphite iron casting (FCD 450) for Impeller and Casing.
6.5 times more corrosion resistant than standard FC or Cast Iron.
- Impeller can be removed easily without special tool.
- Long bolt assembly for easy maintenance.



STH-50X



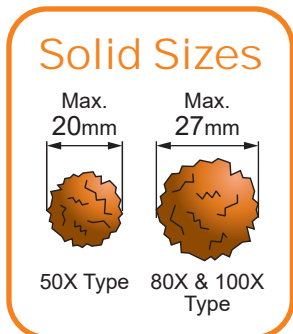
STH-80X



■ Specification

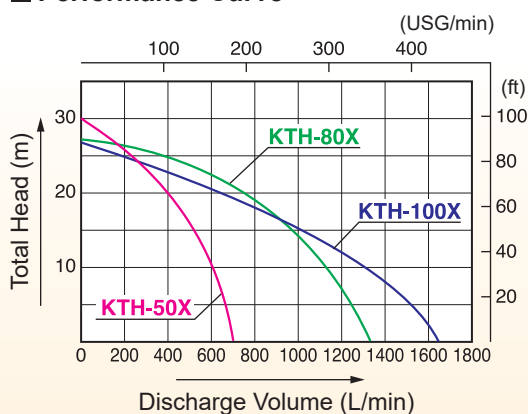
	Model	STH-50X	STH-80X	STH-100X
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT		
	Total Head	29 m (95 ft)	26 m (85 ft)	28 m (92 ft)
	Discharge Volume	570 L/min (158 USG/min)	900 L/min (238 USG/min)	1450 L/min (383 USG/min)
	Max. Suction Lift	8 m (26 ft)		
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GX120	Honda GX160	Honda GX240
	Displacement	122 cc	163 cc	270 cc
	Rated Output	2.1 kW (2.9 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm	4.6 kW (6.3 PS) / 3600 rpm
	Max. Output	2.4 kW (3.3 PS) / 3600 rpm	3.6 kW (4.9 PS) / 3600 rpm	5.9 kW (8.0 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	2.0 L (0.53 USG)	3.1 L (0.82 USG)	5.3 L (1.40 USG)
	Continuous Operating Time	Approx. 2 hrs		Approx. 2.5 hrs
	Starting Method	Recoil starter		
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set, 1 Spanner			
Net Weight	23 kg (51 lbs)	29 kg (64 lbs)	56 kg (123 lbs)	
Gross Weight	25 kg (55.1 lbs)	35 kg (77.1 lbs)	64 kg (141 lbs)	
Dimensions L×W×H (mm)	500 × 395 × 415	525 × 389 × 473	680 × 490 × 675	
Packing Unit	1			

Heavy Duty Trash Pumps



KTH-80X

Performance Curve



KTH-100X

Specification

Model	KTH-50X	KTH-80X	KTH-100X	
PUMP	Connection Dia	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT		
	Total Head	30 m (98 ft)	27 m (88 ft)	26 m (85 ft)
	Discharge Volume	700 L/min (185 USG/min)	1340 L/min (354 USG/min)	1650 L/min (435 USG/min)
	Max. Suction Lift	8 m (26 ft)		
	Material for Mechanical Seal	SiC (Silicon Carbide) × SiC		
	Material for Impeller	Hi-Chrome		
	Material for Volute	Spheroidal Graphite Iron Castings (FCD 450)		
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GX160	Honda GX240	Honda GX340
	Displacement	163 cc	270 cc	389 cc
	Rated Output	2.9 kW (3.9 PS) / 3600 rpm	4.6 kW (6.2 PS) / 3600 rpm	6.3 kW (8.6 PS) / 3600 rpm
	Max. Output	3.6 kW (4.9 PS) / 3600 rpm	5.9 kW (7.9 PS) / 3600 rpm	8.0 kW (10.9 PS) / 3600 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)
	Continuous Operating Time	Approx. 2.2 hrs	Approx. 2.5 hrs	Approx. 2 hrs
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
Net Weight	47 kg (104 lbs)	59 kg (130 lbs)	78 kg (172 lbs)	
Gross Weight	51 kg (112.4 lbs)	64 kg (141.0 lbs)	85 kg (187.3 lbs)	
Dimensions L×W×H (mm)	646 × 488 × 509	711 × 506 × 570	780 × 570 × 652	
Packing Unit	1			

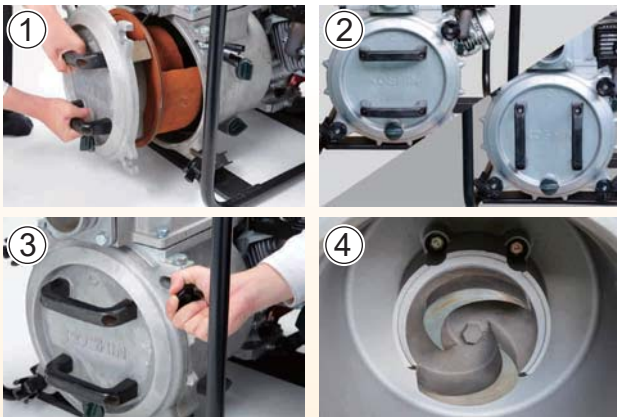
New Design for Easy Maintenance



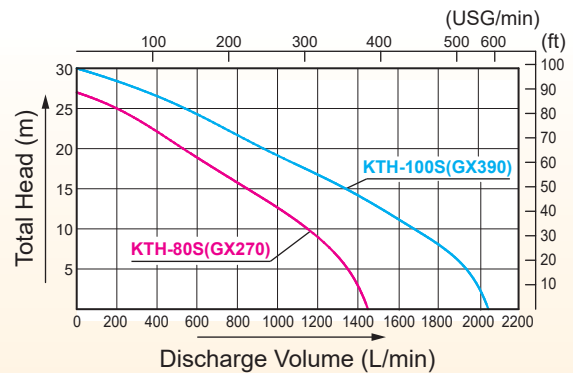
KTH-80S

Powered by Honda GX270 & GX390 with oil alert

- ① The cleanout cover can be removed easily without removing hoses.
- ② Handles on the cleanout cover can be installed in vertical or horizontal position.
- ③ Easy removal of knobs.
- ④ New Impeller design with hexagon boss for easy installation and removal.



■ Performance Curve *Performance ratings are guaranteed minimum, not inflated maximum.



■ Specification

Model	KTH-80S	KTH-100S	
PUMP	Connection Dia	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP or NPT	
	Total Head	27 m (88 ft)	30 m (98 ft)
	Discharge Volume	1450 L/min (383 USG/min)	2050 L/min (542 USG/min)
	Max. Suction Lift	8 m (26 ft)	
	Material for Mechanical Seal	SiC (Silicon Carbide) × SiC	
	Material for Impeller	Hi-Chrome	
ENGINE	Material for Volute	Spheroidal Graphite Iron Castings (FCD 450)	
	Type	Forced Air-Cooled 4-stroke Gasoline Engine	
	Model	Honda GX270	Honda GX390
	Displacement	270 cc	389 cc
	Rated Output	5.1 kW (6.9 PS) / 3600 rpm	7.0 kW (9.5 PS) / 3600 rpm
	Max. Output	6.0 kW (8.2 PS) / 3600 rpm	8.7 kW (11.8 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	5.3 L (1.40 USG)	6.1 L (1.61 USG)
	Continuous Operating Time	Approx. 2 hrs	
	Starting Method	Recoil Starter	
Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
Net Weight	65 kg (143.3 lbs)	79.5 kg (175.3 lbs)	
Gross Weight	73 kg (160.9 lbs)	91 kg (200.6 lbs)	
Dimensions L×W×H (mm)	730 × 530 × 600	785 × 565 × 630	
Packing Unit	1		



POLYETHYLENE PUMP BODY

For Seawater, Fertilizer

- Superior material used.
 - PET (Polyethylene Terephthalate) for pump casing, impeller and volute casing.
 - EPDM and carbon ceramic for mechanical seal.
 - SUS for all bolts and washers.
- Powered by strong and durable engine.

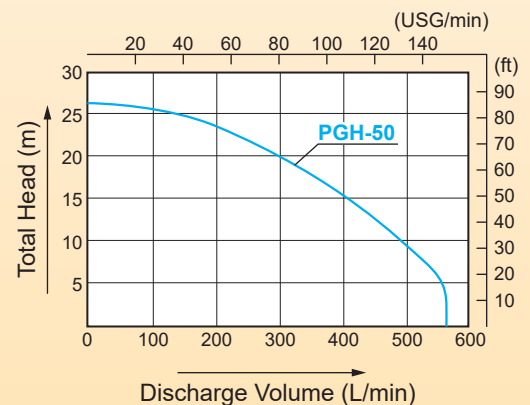


PGH-50

■ Specification

Model	PGH-50		
PUMP	Connection Dia	50 mm (2")	
	Connection Thread	Inner Pipe Thread BSP	
	Total Head	26 m (85 ft)	
	Max. Suction Lift	8 m (26 ft)	
	Discharge Volume	560 L/min (148 USG/min)	
Material for Mechanical Seal		Ceramic Carbon	
Type		Forced Air-cooled 4-stroke Gasoline	
Model		Honda GX120	
Displacement		122 cc	
ENGINE	Rated Output	2.1 kW (2.9 PS) / 3600 rpm	
	Max. Output	2.4 kW (3.3 PS) / 3600 rpm	
	Fuel		Automotive Unleaded Gasoline
	Fuel Tank Capacity	2.0 L (0.52 USG)	
	Continuous Operating Time	Approx. 2 hrs	
	Starting Method		Recoil Starter
	Standard Accessories		1 Strainer, 3 Hose Nipples, 1 Elbow 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set
Net Weight		23 kg (50.7 lbs)	
Gross Weight		24 kg (52.9 lbs)	
Dimensions L×W×H (mm)		510 × 418 × 418	
Packing Unit		1	

■ Performance Curve





HIGH PRESSURE

Suitable for Sprinkler System & Fire Fighting

- Compact & lightweight high pressure pump.
- 3 ways discharge flange [2"×1, 1"×2].



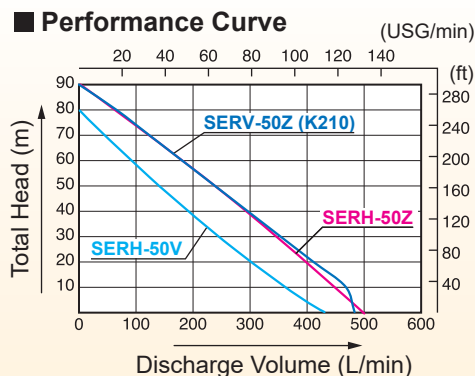
SERH-50V SERH-50Z



SERV-50Z



SERH-50Z



Specification

Model		SERH-50V	SERH-50Z	SERV-50Z
PUMP	Connection Dia	50 mm (2")		
	Suction Discharge	50 mm (2") / 25 mm (1") × 2		
	Connection Thread	Outer Pipe Thread BSP or NPT*1		
	Total Head	80 m (262 ft)	90 m (295 ft)	
ENGINE	Discharge Volume	430 L/min (114 USG/min)	500 L/min (132 USG/min)	480 L/min
	Max. Suction Lift	8 m (26 ft)		
	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GX160 High rpm	Honda GX200 High rpm	Koshine K210 High rpm
	Displacement	163cc	196cc	212cc
	Rated Output	2.9 kW (3.9 PS) / 3600 rpm	3.7 kW (5.0 PS) / 3600 rpm	4.4 kW (6.0 PS)(5.9 HP) / 4400 rpm
	Max. Output	3.6 kW (4.8 PS) / 3600 rpm	4.5 kW (6.1 PS) / 4000 rpm	4.9 kW (6.7 PS)(6.6 HP) / 4000 rpm
	Fuel	Automotive Unleaded Gasoline		
	Fuel Tank Capacity	3.1L (0.82 USG)		3.3L (0.87 USG)
	Continuous Operating Time	Approx. 2 hrs		Approx. 1.2 hrs
Starting Method		Recoil Starter		
Standard Accessories		1 Strainer,*2 3 Hose Bands (ø60)*2 2 Hose Bands (ø32),*2 1 Coupling Set (50 mm), 1 Closing Plate (50 mm), 2 Nipples (25 mm) 1 Quick Coupling (25 mm),*2 1 Engine Tool		
Net Weight		34 kg (75 lbs)	34.6 kg (76 lbs)	33.9 kg (74.7 lbs)
Gross Weight		37 kg (82 lbs)	37.6 kg (83 lbs)	37.5 kg (82.7 lbs)(BSP model) 36.2 kg (79.8 lbs)(NPT model)
Dimensions L×W×H (mm)		555 × 450 × 468		570 × 450 × 468
Packing Unit		1		

*1 Discharge thread for North America Model:NPT for 2" and BSP for 1" *2 BSP model only

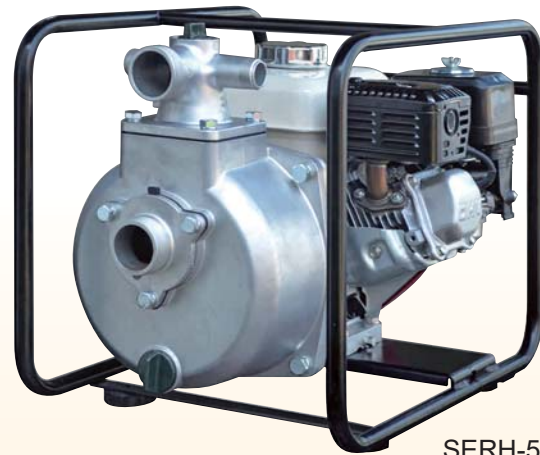
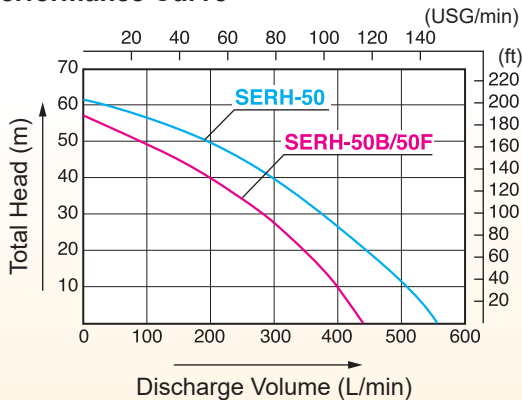
Suitable for Sprinkler (System) & General Irrigation



SERH-50B



Performance Curve



SERH-50F

Specification

Model		SERH-50B	SERH-50	SERH-50F
PUMP	Connection Dia	50 mm (2")	65 mm (2½")	50 mm (2")
	Discharge	50 mm (2")		50 mm (2") / 25mm (1") × 2
	Connection Thread	Outer Pipe Thread BSP or NPT		
	Total Head	57 m (187 ft)	62 m (203 ft)	57m (187 ft)
Discharge Volume	440 L/min(116 USG/min)	560 L/min (148 USG/min)	440 L/min (116USG/min)	
Max. Suction Lift	8 m (26 ft)			
Type	Forced Air-cooled 4-stroke Gasoline Engine			
Model	Honda GX160	Honda GX240	Honda GX160	
Displacement	163 cc	270 cc	163cc	
Rated Output	2.9 kW (3.9 PS) / 3600 rpm	4.6 kW (6.3 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm	
Max. Output	3.6 kW (4.9 PS) / 3600 rpm	5.9 kW (8.0 PS) / 3600 rpm	3.6 kW (4.9 PS) / 3600 rpm	
Fuel	Automotive Unleaded Gasoline			
Fuel Tank Capacity	3.1 L (0.82 USG)	5.3 L (1.40 USG)	3.1 L (0.82 USG)	
Continuous Operating Time	Approx. 2 hrs	Approx. 2.5 hrs	Approx. 2 hrs	
Starting Method	Recoil Starter			
Standard Accessories	2 Coupling Set 3 Hose Bands (ø60) 1 Strainer 1 Engine Tool Set	1 Coupling Set (50 mm) 1 Coupling Set (65 mm) 2 Hose Bands (ø80) 1 Hose Band (ø60) 1 Strainer (65 mm) 1 Engine Tool Set	1 Coupling Set (50mm) 1 Check Plate (50mm) 2 Check Coupling Set (25mm) 2 Hose Nipple (ø25) 1 Engine Tool Set	
Net Weight	31 kg (68.3 lbs)	44 kg (97 lbs)	31 kg (68 lbs)	
Gross Weight	34 kg (74.9 lbs)	46 kg (101 lbs)	34 kg (74.9 lbs)	
Dimensions L×W×H (mm)	535 × 405 × 440	568 × 482 × 518	535 × 405 × 455	
Packing Unit	1			

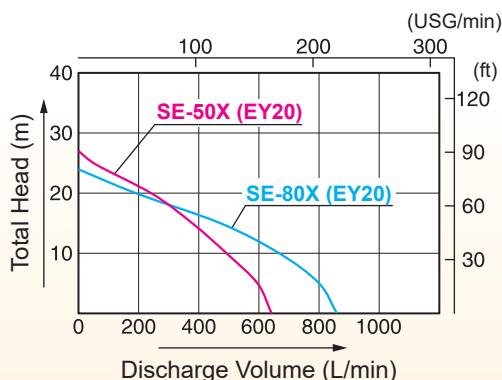
Strong & Durable Robin(CC) Engine

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



SE-80X

Performance Curve



SE-50X

Specification

Model		SE-50X	SE-80X
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	27 m (88 ft)	24 m (78 ft)
	Discharge Volume	640 L/min (169 USG/min)	860 L/min (227 USG/min)
	Max.Suction Lift	8 m (26 ft)	
ENGINE	Type	Forced Air-Cooled 4-stroke Gasoline Engine	
	Model	Robin EY203D	
	Displacement	183 cc	
	Rated Output	2.6 kW (3.5PS) / 3600 rpm	
	Max. Output	3.7 kW (5.0PS) / 4000 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.8 L (1.0 USG)	
	Continuous Operating Time	Approx. 2.0 hrs (full tank)	Approx. 3.0 hrs (full tank)
	Starting Method	Recoil Starter	
	Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set	
Gross Weight	28.2 kg (61.7 lbs)	30.1 kg (66.3 lbs)	
Dimensions L×W×H (mm)	525 × 370 × 472		
Packing Unit	1		

Clear Water Pumps

Outstanding Features

- ▶ KOSHIN NEW DIESEL ENGINE KD300
- ▶ Guaranteed 8M suction lift
- ▶ Suitable for mining, shipboard, fire-fighting and construction sites



SEK-80D

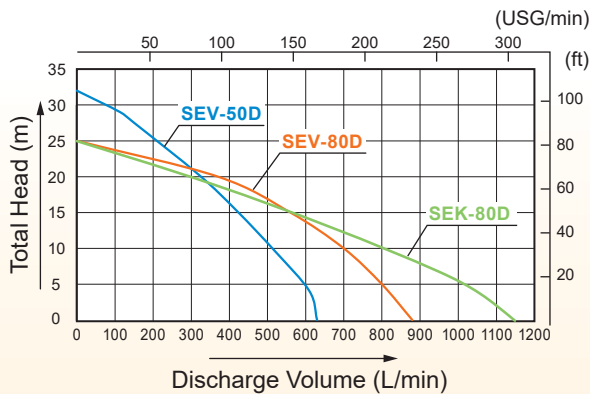


SEV-80D



SEV-50D

Performance Curve



Specification

Model		SEV-50D	SEV-80D	SEK-80D
PUMP	Connection Suction Dia	50 mm (2")	80 mm (3")	
	Connection Discharge Dia	50 mm (2")	80 mm (3")	
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	32 m (104 ft)	25 m (82 ft)	
ENGINE	Discharge Volume	630 L/min (166 USG/min)	880 L/min (232 USG/min)	1150 L/min (303 USG/min)
	Max. Suction Lift	8 m (26 ft)		
	Type	Forced Air-cooled, 4-stroke, Diesel Engine		Vertical, Oil & Air-cooled, 4-cycle diesel engine
	Model	Koshin KD300		KUBOTA OC60
	Displacement	296 cc		276 cc
	Rated Output	4.0 kW (5.4 PS) / 3600 rpm		4.1 kW (5.5 PS) / 3600 rpm
	Max. Output	4.4 kW (6.0 PS) / 3600 rpm		4.5 kW (6.1 PS) / 3600 rpm
	Fuel	Diesel fuel		
Fuel Tank Capacity	Tank size: 3.5 L (0.92 USG), Usage level: 3 L (0.79 USG)		Tank size: 3.1 L (0.81 USG), Usage level: 2.8 L (0.73 USG)	
Continuous Operating Time	Approx. 2.3 hrs		Approx. 2.2 hrs	
Starting Method	Recoil Starter		Recoil Starter/Electric Starter	
Standard Accessories	1 Strainer, 2 Coupling sets, 3 Hose bands, 1 Engine tool		1 Strainer, 2 Coupling sets, 3 Hose bands, 1 Engine tool, 1 Mounting kit for electric starting	
Net Weight	46.1 kg (101.6 lbs)	48.6 kg (107.1 lbs)	67.0 kg (147.7 lbs)	
Gross Weight	50.8 kg (111.9 lbs)	53.8 kg (118.6 lbs)	74.9 kg (165.1 lbs)	
Dimensions L×W×H (mm)	633 × 553 × 580		687 × 625 × 622	
Packing Unit	1			

*For the purpose of improvement, specifications are subject to changes without notice.

*Self-priming performance may decrease due to atmospheric pressure or outside air temperature. If self-priming lift is not enough, add priming water to pump casing.

Yanmar Diesel Clear Water Pumps

- Long operating time with large fuel tank.
- Suitable for mining, shipboard, fire-fighting and construction.



SEY-80D

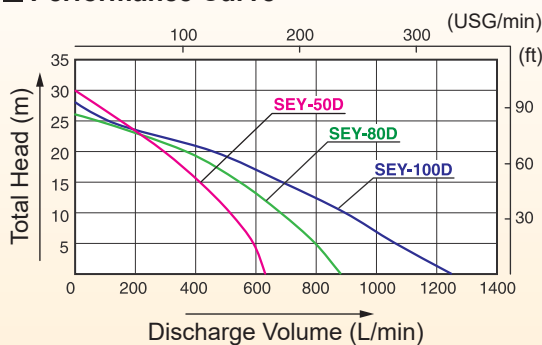


SEY-100D



SEY-50D

Performance Curve

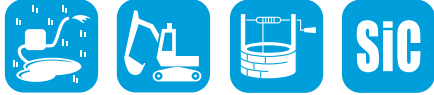


Specification

Model	SEY-50D	SEY-80D	SEY-100D	
PUMP	Connection Dia	50mm(2")	80mm(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	11L (2.9 USG)		
	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	44.7 kg (98.5 lbs)	46.7 kg (103 lbs)	67 kg (145 lbs)	
Gross Weight	49.3 kg (108.7 lbs)	51.7 kg (114 lbs)	75.8 kg (167 lbs)	
Dimensions L×W×H (mm)	548 × 513 × 698	548 × 513 × 698	668 × 513 × 788	
Packing Unit	1			

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



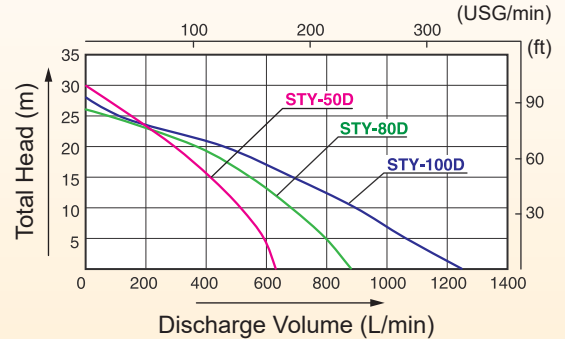
STY-80D



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.



Outstanding Features

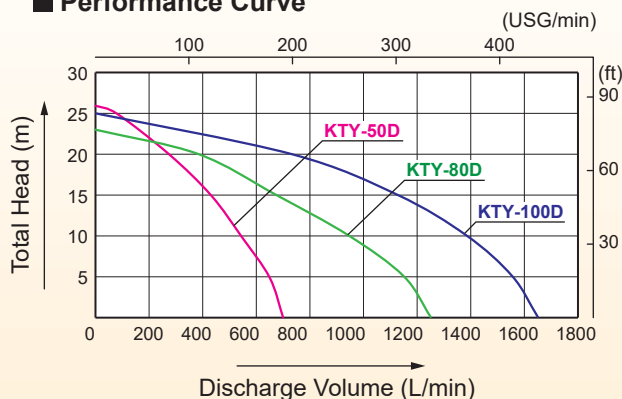
- ▶ Excellent Seal Durability
- ▶ Thoughtful Design
- ▶ Light Weight & Compact Design
- ▶ High Self-priming Performance



KTY-100D



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			



PABOOL PUMPS

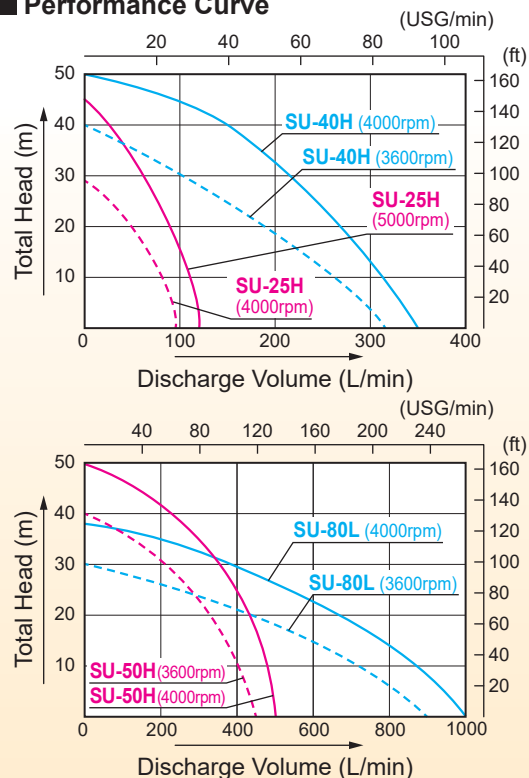
Pabool Pumps are Designed for Sprinkler System & General Irrigation



SU-50H



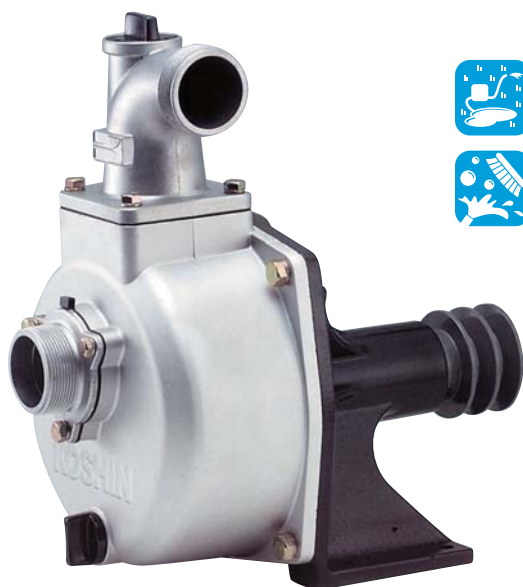
Performance Curve



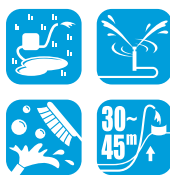
Specification

Model	SU-25H		SU-40H		SU-50H		SU-80L	
Connection Dia	25 mm (1")		40 mm (1½")		50 mm (2")		80 mm (3")	
Connection Thread	Outer Pipe Thread BSP							
Revolution	4000 rpm	5000 rpm	3600 rpm	4000 rpm	3600 rpm	4000 rpm	3600 rpm	4000 rpm
Total Head	29 m (95 ft)	45 m (147 ft)	40 m (131 ft)	50 m (164 ft)	40 m (131 ft)	50 m (164 ft)	30 m (98 ft)	38 m (124 ft)
Max. Suction Lift	8 m (2.6ft)							
Discharge Volume	96 L/min (25 USG/min)	120 L/min (31 USG/min)	315 L/min (83 USG/min)	350 L/min (92 USG/min)	450 L/min (118 USG/min)	500 L/min (132 USG/min)	900 L/min (237 USG/min)	1000 L/min (264 USG/min)
Output	1.5 kW (2 PS)	2.2 kW (3 PS)	2.2 kW (3 PS)	3.7 kW (5 PS)	3.7 kW (5 PS)	5.5 kW (7.5 PS)	5.5 kW (7.5 PS)	7.5 kW (10 PS)
Standard Accessories	1 Strainer, 2 Coupling Sets, 3 Hose Bands							
Net Weight	8.5 kg (19.9 lbs)(1unit)		11 kg (26.5 lbs)(1unit)		14 kg (33.1 lbs)		19.5 kg (19.5 lbs)	
Gross Weight	35 kg (77.1 lbs)(4units)		24 kg (52.9 lbs)(2units)		15 kg (33.0 lbs)		20.5 kg (45.1 lbs)	
Dimensions L×W×H (mm)	615 × 449 × 235		449 × 359 × 259		382 × 250 × 266		414 × 277 × 305	
Packing Unit	4		2				1	

Powerful Pressure & Enhanced Durability



SU-50V

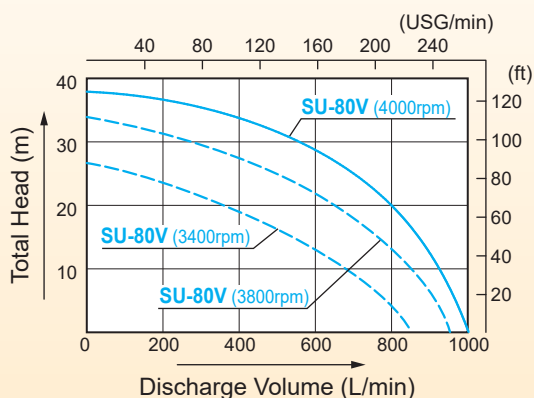
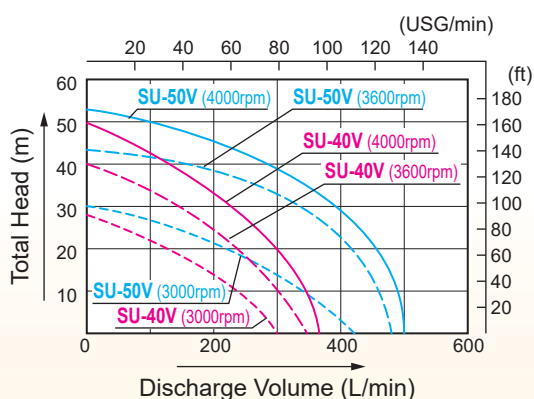
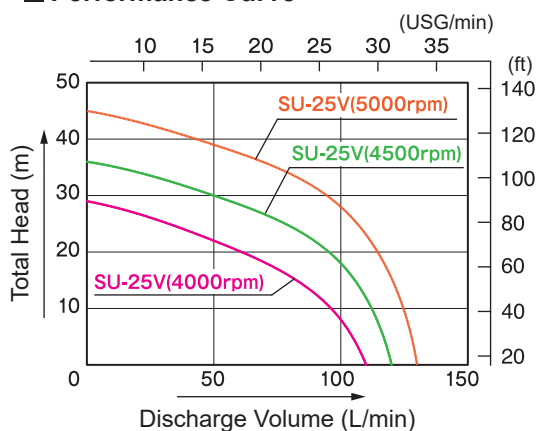


Double Life Span Durability

Standard type → **SU-V series**

Mechanical Seal

Performance Curve



Specification

Model	SU-25V			SU-40V			SU-50V			SU-80V		
Connection Dia	25 mm (1")			40 mm (1½")			50 mm (2")			80 mm (3")		
Connection Thread	Outer Pipe Thread BSP											
Revolution	4000 rpm	4500 rpm	5000 rpm	3000 rpm	3600 rpm	4000 rpm	3000 rpm	3600 rpm	4000 rpm	3400 rpm	3800 rpm	4000 rpm
Total Head	29 m (95 ft)	36 m (118 ft)	45 m (147 ft)	28 m (91 ft)	40 m (131 ft)	50 m (164 ft)	30 m (98 ft)	42 m (137 ft)	53 m (173 ft)	27 m (88 ft)	34 m (111 ft)	38 m (124 ft)
Discharge Volume	110 L/min (29 USG/min)	120 L/min (31 USG/min)	130 L/min (34 USG/min)	300 L/min (79 USG/min)	350 L/min (92 USG/min)	370 L/min (98 USG/min)	430 L/min (113 USG/min)	480 L/min (127 USG/min)	500 L/min (132 USG/min)	850 L/min (224 USG/min)	950 L/min (251 USG/min)	1000 L/min (264 USG/min)
Max. Suction Lift	7 m (23 ft)	8 m (26 ft)		7 m (23 ft)	8 m (26 ft)		7 m (23 ft)	8 m (26 ft)		7 m (23 ft)	8 m (26 ft)	
Output	1.5 kW (2 PS)	2.2 kW (3 PS)		1.5 kW (2 PS)	2.2 kW (3 PS)	3.7 kW (5 PS)	2.2 kW (3 PS)	3.7 kW (5 PS)	5.5 kW (7.5 PS)	5.5 kW (7.5 PS)	7.5 kW (10 PS)	8.6 kW (11.5 PS)
Standard Accessories	1 Strainer, 2 Coupling Sets, 3 Hose Bands											
Net Weight	7.5 kg (16.5 lbs)			12.5 kg (27.6 lbs)			15 kg (33.1 lbs)			22 kg (48.4 lbs)		
Gross Weight	8.5 kg (18.7 lbs)			13.5 kg (29.7 lbs)			16 kg (35.3 lbs)			24 kg (52.9 lbs)		
Dimensions L×W×H (mm)	335 × 195 × 210			360 × 212 × 240			392 × 250 × 280			434 × 277 × 378		
Packing Unit	1											



Standard Generator

- **High Fuel Efficiency**
- **Ultimate Durability**
100% Copper Wire for Alternator
Anti-Rusty fuel tank
Full roll cage for ultimate protection
- **Less Vibration & Quiet Operation**
- **All models have oil alert function.**

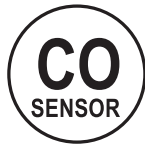


Specification

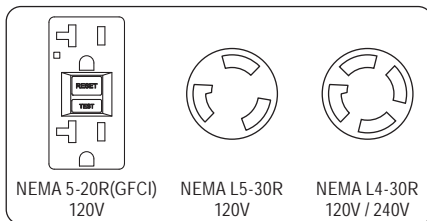
Model		GV-3000	GV-7000S	GV-3200	GV-7600S
GENERATOR	Phase	Single			
	Voltage Regulation	AVR			
	Rated Output	2 kVA	5 kVA	2.3 kVA	5.5 kVA
	Maximum Output	2.2 kVA	5.5 kVA	2.5 kVA	6 kVA
	Rated Frequency	50 Hz		60 Hz	
	Rated Voltage	220 V			
	Rated Ampere	9.1A	22.7 A	10.5 A	25 A
	DC Output	12 V/8.3 A			
	Continuous Running Time (rated load)	9.5 h	7.5 h	6.3 h	5 h
	Tank Capacity	12.6 L	22.6 L	12.6 L	22.6 L
Receptacle	 European socket, CEE 7/4, 2pcs	 European socket, CEE 7/4, 1pc NEMA L6-30 Socket, 1pc	 BS1363, 2pcs OR CEE 7/4, 2pcs	 BS1363, 2pcs OR CEE 7/4 NEMA L6-30	
ENGINE	Model	Koshin K210	Koshin K420	Koshin K210	Koshin K420
	Type	Air-cooled, 4-stroke, OHV, single cylinder			
	Displacement	212 cc	420 cc	212 cc	420 cc
	Oil Alert System	Standard			
	Starting system	Recoil	Recoil/Electric starter	Recoil	Recoil/Electric starter
	Battery	—	Maintenance-free type	—	Maintenance-free type
Wheel Kit	—	Standard	—	Standard	
Net Weigh	42 kg (93 lbs)	85 kg (187 lbs)	42.6 kg (94 lbs)	85 kg (187 lbs)	
Gross Weigh	44 kg (97 lbs)	87 kg (192 lbs)	45 kg (99 lbs)	89 kg (196 lbs)	
Dimensions L×W×H (mm)	615 × 445 × 457	695 × 534 × 547	615 × 445 × 457	695 × 534 × 547	
Packing Unit	1				

*GV-7000S/GV-7600S without battery

- All model have GFCI protection.
- Equipped with CO sensor with automatic shutdown



MULTI DISPLAY



GV-8000S



GV-6000S

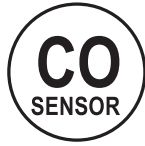
*Battery Not Included

Specification

Model	GV-6000S	GV-8000S	
Phase		Single	
Voltage Regulation		AVR	
AC	Rated Output	5500 W(VA)	7200 W(VA)
	Maximum Output	6000 W(VA)	8000 W(VA)
	Rated Frequency		60 Hz
	Rated Voltage		120 V/240 V
	Rated Ampere	45.8 A / 22.9 A	60.0 A / 30.0 A
DC Output		8.3 A/12 V/100 W	
GENERATOR	Continuous Running Time (rated load)	4.6 hr	4.2 h
	Tank Capacity		22.6 L (6.0 gal)
	Receptacle	 NEMA 5-20R(GFCI) ×2 120V	 NEMA L5-30R ×1 120V
ENGINE	Model	Koshin R420-V	
	Type	Air-cooled, 4-stroke, OHV, single cylinder	
	Displacement	419 cc	
	Oil Alert System	Standard	
	Starting system	Recoil/Electric starter	
Battery	12V Motorcycle Battery : 9 Ah		
Wheel Kit	Standard (No Flat Tire)		
Net Weigh	83 kg (183.0 lb)	86 kg (189.6 lb)	
Gross Weigh	89.6 kg (197.5 lb)	92.1 kg (203.0 lb)	
Dimensions L×W×H (mm)	734 × 714 × 630		
Packing Unit	1		

GENERATOR

- All model have GFCI protection.
- Equipped with CO sensor with automatic shutdown



MULTI DISPLAY



GV-3300iS only

- One Push Start (Electric Starter) and auto choke.



GV-3300i



GV-2000i



GV-3300iS

Specification

Model (Destination Area)	GV-2000SE (Europe)	GV-3300i (Europe)	GV-2000i (North America)	GV-3300i (North America)	GV3300iS (North America)	
Phase	Single					
Voltage Regulation	Inverter					
AC	Rated Output	1600 W(VA)	3000 W(VA)	1800 W(VA)	3000 W(VA)	
	Maximum Output	1800 W(VA)	3300 W(VA)	2000 W(VA)	3300 W(VA)	
	Rated Frequency	50 Hz		60 Hz		
	Rated Voltage	230 V		120 V		
	Rated Ampere	6.9 A	13 A	15 A	25 A	
DC Output	5 V USB (2.1A, 1A)					
GENERATOR	Continuous Running Time (rated load)	3.1 hr	5.0 hr	4.0 hr		
	Tank Capacity	3.4 L	9.8 L	4.2 L (1.1 gal)	8.3 L (2.2 gal)	
RECEPTACLE						
	European socket, CEE 7/4, 1pc	European socket, CEE 7/4, 2pcs	NEMA 5-20R(GFCI) x1 120V	NEMA 5-20R(GFCI) x1 120V	NEMA L5-30R x1 120V	
ENGINE	Model	Koshin K80-i2	Koshin R210-Vi	Koshin K80-1	Koshin K210-V	
	Type	Forced Air-cooled, 4-stroke, OHV, single cylinder		Air-cooled, 4-stroke, OHV, single cylinder		
	Displacement	79.7 cc	212 cc	79 cc	212 cc	
	Oil Alert System	Standard				
	Starting system	Recoil starter			Recoil/Electric starter	
Battery	—					
Wheel Kit	—	Standard	—	Standard		
Net Weigh	18 kg (39.7 lb)	44 kg (97 lb)	22 kg (48.5 lb)	44 kg (97 lb)	50 kg (110.2 lb)	
Gross Weigh	23 kg (50.7 lb)	52 kg (114.6 lb)	25 kg (55.1 lb)	52 kg (114.6 lb)	61 kg (134.4 lb)	
Dimensions L×W×H (mm)	480 × 275 × 450	590 × 475 × 525	498 × 300 × 467	589 × 475 × 523	589 × 508 × 615	
Packing Unit	1					



HIGH PRESSURE WASHER

High Pressure Washer Powered by Koshin Engine

- **1.5M Self Priming Guarantee (vertically 1.5M)**
Self priming pump system capable of pumping up water from any water source
- **Powered by Reliable Koshin Engine**
Koshin K180 and K210 engine for quiet, reliable performance
- **Quick Couple Nozzle Set as Standard Accessory**



5.6 HP
MAX 2180 PSI



JCE-1510UK

■ Specification

Model	JCE-1408U	JCE-1408UDX	JCE-1510UK
PUMP	Max. Pressure	14 MPa	
	Max. Volume	8 L/min	
	Recommended Feed-water	Clear water at 5 – 40 °C	
	Max. Suction Lift	1.5 m	
ENGINE	Necessary Volume of Engine Oil	120 cc	450 cc
	Type	Forced Air-Cooled 4-stroke OHV Gasoline Engine	
	Model	Koshin K180	
	Displacement	179 cc	Koshin K210
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.6 L	
	Engine Oil	SAE 10W-30	
	Necessary Volume of Engine Oil	600 cc	
Accessories	1 Gun Nozzle (screw attachment type), 1 Straight/Fan shape nozzle, 1 Delivery hose (screw attachment type) (10 m), 2 Suction hoses (3 m), 1 Strainer	1 Gun Nozzle (quick attachment type), 1 Delivery hose (quick attachment type) (10 m), 2 Suction hose (3 m), 1 Strainer, 5 Interchangeable nozzle: (1) 15° (2) 25° (3) 40° (4) point-blank (5) Detergent nozzle	1 Gun Nozzle (quick attachment type), 1 Delivery hose (quick attachment type) (10 m), 2 Suction hoses (3 m), 1 Strainer, 6 Interchangeable nozzle: (1) 15° (2) 25° (3) 40° (4) point-blank (5) Detergent nozzle (6) Rotary nozzle
Net Weight	25 kg (55 lbs)	32.5 kg (72 lbs)	36 kg (79 lbs)
Gross Weight	34.5 kg (76.0 lbs)	42.5 kg (93.7 lbs)	46.0 kg (101 lbs)
Dimensions L×W×H (mm)	540 × 435 × 525	710 × 400 × 530	710 × 400 × 530
Packing Unit	1		

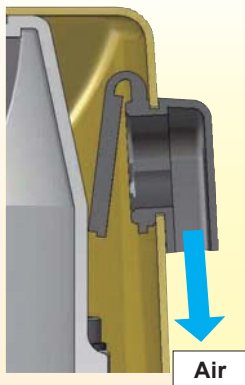
*Japanese domestic model



HEAVY DUTY CONTRACTOR PUMPS

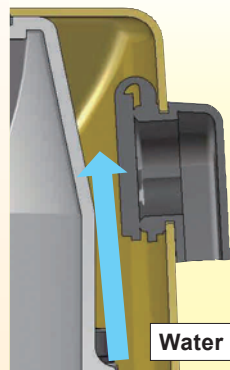
POWERFUL PERFORMANCE! PONSTAR PBX Series

Feature 1 Trouble free operation, even in low water or dry-run situations!
With air valve function



The PBX dry-run capability

When the PBX pump is running dry (without water), the motor is cooled by air, forced through the pump by the impeller and exiting the pump via the air valve. Preventing the motor from overheating.

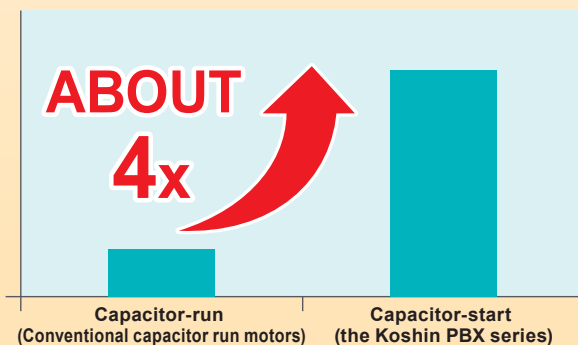


Pump operating and discharging water

When the pump operates normally, the air valves will be closed by the water pressure inside the pump.

Feature 2 Extra Powerful Startup Torque!
The Koshin centrifugal force switch

Starting torque



Feature 3 Designed specifically for use in muddy and sandy water, using strong and durable materials



PBX-55022



Solid Sizes



Optional parts

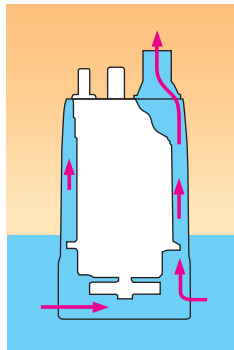
Float switch

When fitted with a (separately available) float switch, the pump can operate fully automatic.

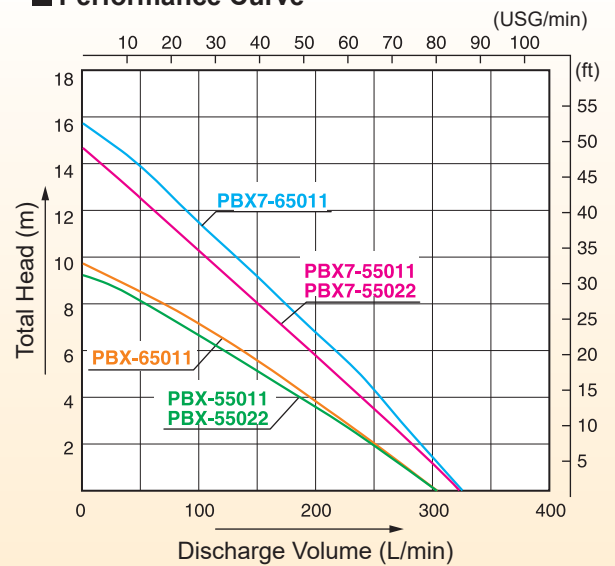


Effective Motor Cooling System

Water is channeled through the outer wall to cool the motor for maximum endurance.



Performance Curve



Specification

Model		PBX-55022	PBX-55011	PBX-65011	PBX7-55022	PBX7-55011	PBX7-65011	
PUMP	Connection Dia	50 mm (2")						
	Total Head	9.5 m (31 ft)		10 m (32.8 ft)	15 m (50 ft)		16 m (54 ft)	
	Discharge Volume	310 L/min (4870 GPH)			330 L/min (5240 GPH)			
MOTOR	Voltage	AC 220 V		AC 110 V		AC 220 V		AC 110 V
	Frequency	50 Hz		60 Hz		50 Hz		60 Hz
	Rated Current	4.2 A	8.1 A	8.7 A	6.0 A	12.0 A		
	Output		400 W			750 W		
	Consumption	680 W	690 W	750 W	1250 W			
	Revolution	2800 rpm		3200 rpm		2800 rpm		3200 rpm
	Type	Condenser Induction Motor						
	Power Cord	6 m (19.7 ft) or 10 m (32.8 ft)						
	Net Weight	15 kg (33 lbs)	15.5 kg (34 lbs)	15 kg (33 lbs)	15.5 kg (34 lbs)		16.5 kg (36 lbs)	
Gross Weight	16 kg (35 lbs)	16.5 kg (36 lbs)	16 kg (35 lbs)	16.5 kg (36 lbs)		17.5 kg (37 lbs)		
Dimensions L×W×H (mm)	245 × 245 × 450							
Packing Unit	1							

Great Durability

- Pump up to 20mm water level
- Easy maintenance



Solid Sizes



PX-55022

For Residual Water Up to 1 mm Water Level

Designed for application in narrow access drainage especially in manhole or bottom pit.



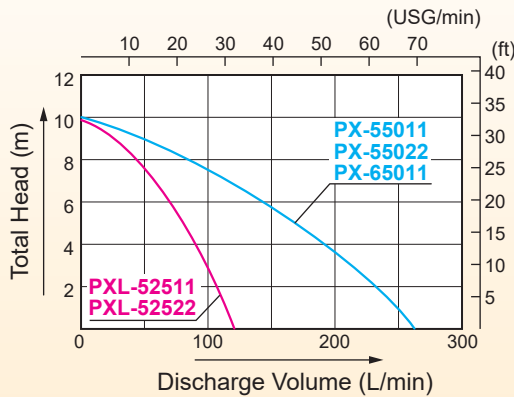
PXL-52522

Applications

- Drainage of underground water
- Disposal of residual water from roof tank of buildings, swimming pools, etc.
- Construction site
- Pond / Aquarium usage
- Irrigation
- Home / Domestic application

*For clear water only

Performance Curve



Invertible Delivery Flange

Just 2 bolts delivery flange is inverted



Specification

Model		PX-55011	PX-55022	PX-65011	PXL-52511	PXL-52522
PUMP	Connection Dia	50 mm (2")			25 mm (1")	
	Total Head	10 m (32.8 ft)				
	Discharge Volume	260 L/min (68 USG/min)			120 L/min (31 USG/min)	
MOTOR	Voltage	AC 110 V	AC 220 V	AC 110 V		AC 220 V
	Frequency	50 Hz		60 Hz	50 Hz	
	Rated Current*1	6.5 A	3.2 A	6.5 A	6.0 A	2.9 A
	Output	400 W			590 W	540 W
	Consumption	580 W	620 W	700 W	590 W	540 W
	Revolution	2900 rpm		3400 rpm	2900 rpm	
	Type	Condenser Induction Motor				
Power Cord		10 m (32.8 ft)	5 m (16.4 ft)	6 m (19.7 ft)	10 m (32.8 ft)	
Standard Accessories		1 Hose Band, 1 Rope (5 m (16.4 ft)), 1 Hose Nipple		1 Rope (5 m (16.4 ft))	1 Hose Band, 1 Hose Nipple, 1 Coupling, 1 Coupling Packing, 1 Rope (5 m (16.4ft))	
Net Weight		11 kg (24.2 lbs) (1 unit)			12.7 kg (28 lbs) (1 unit)	
Gross Weight		25 kg (55.1 lbs) (2 units)			30 kg (66.1 lbs) (2 units)	
Dimensions L×W×H (mm)		490 × 248 × 409		508 × 259 × 380	505 × 260 × 417	
Packing Unit		2			2	

*1 Starting current is three times higher than rated current.

FOR INDUSTRIAL APPLICATION

"GEAR PUMP" GL Series for Low Viscosity Oil

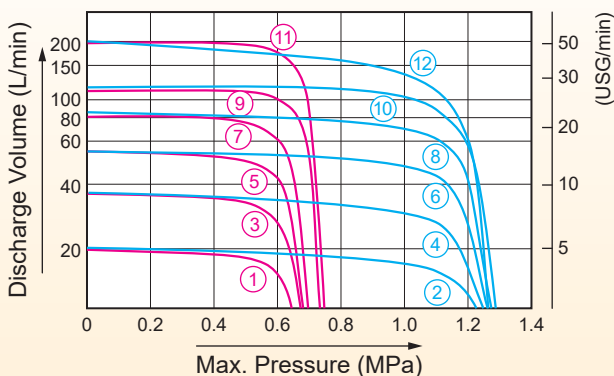
- Safety by-pass function protects pump.
- For oil transfer

Applications

- Kerosene
- Heavy oil
- Machine oil
- Light oil



Performance Curve



GL-25-5

* Gasoline must not be used.

Specification

Model	GL-13-5	GL-13-10	GL-20-5	GL-20-10	GL-25-5	GL-25-10	GL-32-5	GL-32-10		GL-40-5	GL-40-10	GL-50-5	GL-50-10	
Performance Curve No.	①	②	③	④	⑤	⑥	⑦	⑧		⑨	⑩	⑪	⑫	
Connection Dia	13 mm (1/2")		20 mm (3/4")		25 mm (1")		32 mm (1 1/4")			40 mm (1 1/2")		50 mm (2")		
Power	0.4 kW		0.75 kW		1.5 kW		2.2 kW			2.2 kW		5.5 kW		
Poles	4 P									6 P				
Max. Pressure	MPa	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	
	kgf/cm ²	5	10	5	10	5	10	5	10	5	10	5	10	
Discharge Volume	60 Hz (1800 rpm)	20 L/min (5 USG/min)		35 L/min (9 USG/min)		55 L/min (14 USG/min)		80 L/min (21 USG/min)		60 Hz (1200 rpm)	123 L/min (32 USG/min)		200 L/min (52 USG/min)	
	50 Hz (1500 rpm)	17 L/min (4 USG/min)		29 L/min (7 USG/min)		46 L/min (12 USG/min)		66 L/min (17 USG/min)		50 Hz (1000 rpm)	100 L/min (26 USG/min)		165 L/min (43 USG/min)	
Material of Housing	ADC									FC				
Coupling	ZDC				JIS					JIS				
Pump Shaft Dia	ø18 mm									ø22 mm				
Net Weight	4.4 kg (10 lbs)		4.6 kg (10 lbs)		5 kg (11 lbs)		8 kg (16 lbs)		8.5 kg (19 lbs)		22.5 kg (50 lbs)		24 kg (53 lbs)	
Gross Weight	4.8 kg (11 lbs)		5.0 kg (11 lbs)		5.6 kg (13 lbs)		8.5 kg (19 lbs)		9 kg (20 lbs)		23.5 kg (52 lbs)		25 kg (55 lbs)	
Dimensions L×W×H (mm)	224 × 150 × 155				307 × 150 × 155					318 × 258 × 220				
Packing Unit	1									1				

"GEAR PUMPS"

Suitable for Water, Oil & Various Liquids Applications



GB-13
GC-13



GB-25
GC-25

Applications (GB)

- Water
- Sea water
- Weak acids
- Various chemicals
- Coal tar

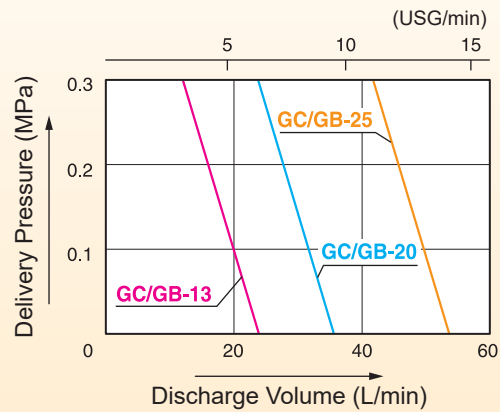


Applications (GC)

- Kerosene
- Light oil
- Machine oil
- Heavy oil
- Water



Performance Curve



Specification

Model	GC-13	GB-13	GC-20	GB-20	GC-25	GB-25
Gear Material	GC: Cast Iron / GB: Brass					
Connection Dia	13 mm (1/2")		20 mm (3/4")		25 mm (1")	
Discharge Volume (400 rpm)	21 L/min (5 USG/min)		37 L/min (9 USG/min)		55 L/min (14 USG/min)	
Delivery Pressure	0 - 0.3 MPa (0 - 3 kg/cm ²)					
Max. Suction Lift	Max. 4 m (13.1 ft)					
Power	200 W		400 W		750 W	
Pulley	5" (125 mm) × A1		6" (150 mm) × A1		8" (200 mm) × A1	
Net Weight	4 kg (8.8 lbs) (1 unit)		6 kg (13.2 lbs) (1 unit)		11 kg (24.3 lbs) (1 unit)	
Gross Weight	17.5 kg (38.6 lbs) (4 units)		25 kg (55.1 lbs) (4 units)		22.5 kg (49.6 lbs) (2 units)	
Dimensions L×W×H (mm)	391 × 236 × 167		482 × 252 × 179		402 × 267 × 250	
Packing Unit	4				2	

"CHANGE MASTER" Oil Change Pumps

- Powerful pump transfers high viscosity oil. (Up to 800 cSt)
- Highly recommended for motor oil change.
- Safety by-pass valve protects pump

Applications

- Motor oil
- Heavy oil
- Machine oil
- Light oil



*Gasoline must not be used.

Specification

Model		GM-2524H
PUMP	Dia of Hose Inlet	25 mm (1")
	Dia of Hose Outlet	20 mm (3/4")
	Connection Thread	Inner Pipe Thread
	Max. Delivery Pressure	0.2 MPa (2 kgf/cm ²)
	Discharge Volume	20 L/min (5 USG/min)
	Applicable Viscosity	800 cst
MOTOR	Voltage	DC 24 V
	Rated Current	16 A
	Output	200 W
	Revolution	6200 rpm
	Rating	25 min
Power Cord		5 m (16 ft)
Net Weight		8.5 kg (19 lbs)
Gross Weight		9.2 kg (21 lbs)
Dimensions L×W×H (mm)		310 × 178 × 253
Packing Unit		1



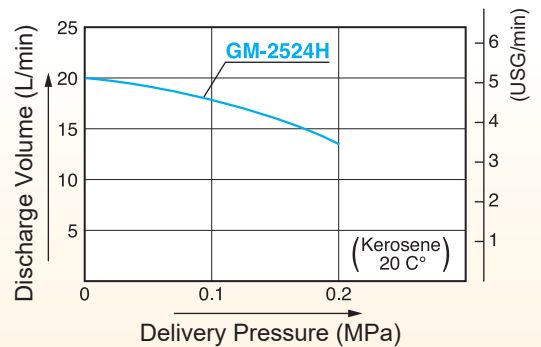
GM-2524H

E-type Hose Set for GM Pumps

- Suction Dia: 25 mm (1") × 2 m (6.5 ft)
- Discharge Dia: 20 mm (3/4") × 2 m (6.5 ft)
- 1 Nozzle, 1 Strainer, 2 Joints



Performance Curve



"FS PUMP" Self-priming Pump for Low Viscosity Oil



*Gasoline must not be used.



FS-24D

Specification

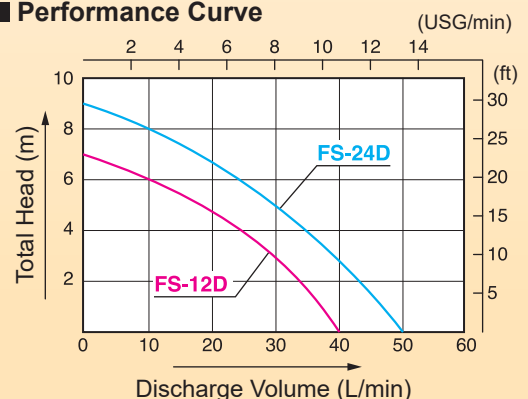
Model	FS-12D	FS-24D
Connection Dia	20 mm (3/4")	
Total Head	7 m (23 ft)	9 m (30 ft)
Discharge Volume	40 L/min (10 USG/min)	50 L/min (13 USG/min)
Max. Suction Lift	3 m (9.8 ft)	
Voltage	DC 12 V	DC 24 V
Rated Current	15 A	8 A
Output	80 W	90 W
Revolution	7300 rpm	
Net Weight	4.5 kg (10 lbs) (1 unit)	
Gross Weight	25 kg (55 lbs) (5 units)	
Dimensions L×W×H (mm)	780 × 305 × 227	
Packing Unit	5	

T-type Hose Set for FS Pumps

- Suction Dia: 20 mm (3/4") × 2 m (6.5 ft)
- Discharge Dia: 20 mm (3/4") × 2 m (6.5 ft)
- 1 Nozzle, 1 Strainer, 2 Joints



Performance Curve



Powerful "FILL PUMP" Only 2 Minutes to Empty 200 L Drum (FR-200)

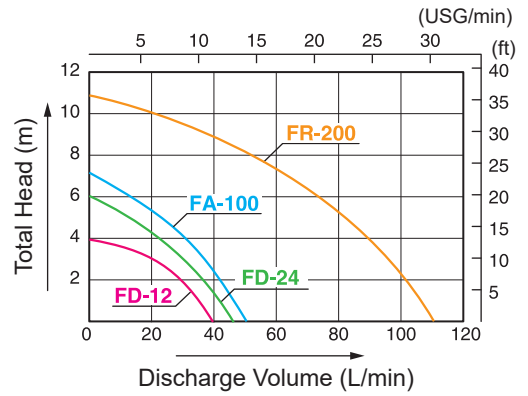
Two stage system of axial flow vane and spiral vane result in an excellent flow rate.

Applications

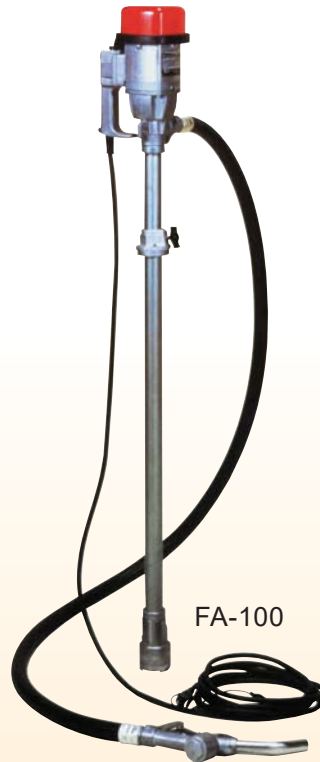
- Low viscosity oil
- Heavy fuel oil A
- Kerosene
- Diesel
- Light oil



Performance Curve



FD-12



FA-100



FR-200

* These pumps are not designed for use with liquids with low flash-point, such as gasoline, etc.

Specification

Model		FD-12	FD-24	FA-100		FR-200	
PUMP	Connection Dia	20 mm (3/4")				32 mm (1 1/4")	
	Connection Thread	Inner Pipe Thread					
	Total Head	4 m (13 ft)	6 m (19 ft)	7 m (23 ft)		11 m (36 ft)	
	Discharge Volume	40 L/min (10 USG/min)	45 L/min (12 USG/min)	50 L/min (13 USG/min)		110 L/min (29 USG/min)	
MOTOR	Type	Enclosed Fan-Cooled Commutator					
	Voltage	DC 12 V	DC 24 V	AC 110 V / 130 V	AC 220 V - 240 V	AC 110 V	AC 220 V - 240 V
	Rated Current	14 A	7 A	2.7 A	1 A	5 A	2.5 A
	Output	80 W	90 W	120 W		200 W	
	Revolution	6000 rpm	6700 rpm	7350 rpm		6200 rpm	
	Rating	Continuous					
	Power Code	Oil-Proof Cord 5 m					
Suction Pipe		920mm				922mm	
Delivery Hose		1 Oil-Proof Rubber Hose (ø20 mm (ø3/4") x 2 m)				1 Oil-Proof Rubber Hose (ø32 mm (ø1 1/4") x 2 m)	
Net Weight		8 kg (17.6 lbs) (1 unit)				12.5 kg (27.6 lbs) (1 unit)	
Gross Weight		20 kg (44.1 lbs) (2 units)				30 kg (66.1 lbs) (2 units)	
Dimensions L×W×H (mm)		1218 × 281 × 157				1218 × 281 × 157	
Packing Unit						2	

Suitable for Transferring Kerosene & Diesel

- 10 minutes to empty 200 L drum.
- Easy to use gun nozzle.
- Suction pipe with mesh strainer.

Applications

- Kerosene
- Diesel



* Gasoline must not be used.

Specification

Model	FP-25	FP-2512	SFP-2518*3	FQ-25
Connection Dia	25 mm (1")			16 mm (0.6")
Total Head	3.5 m (11 ft)	2.8 m (9 ft)	3.5 m (11 ft)	2.0 m (6.6 ft)
Discharge Volume	20 L/min (5.3 USG/min)	18 L/min (4.7 USG/min)	20 L/min (5.3 USG/min)	10 L/min (2.6 USG/min)
Voltage	AC 100 V AC 220 V	DC 12 V	DC-18V 2.0Ah (Li-ion)	4 Alkaline D batteries (LR20) or 4 D rechargeable batteries (Nickel-metal hydride battery/HR20)
Frequency	50 Hz / 60 Hz			—
Charging time *1	—		Approx. 70 min	—
Operating time *2	—		Approx. 90 min	1000 L *4
Power Code	4 m (13 ft)			—
Suction Pipe	950 mm			864 mm
Delivery Hose	ø25 mm × 1.5 m			ø27 mm × 1.5 m
Net Weight	2.7 kg (6.1 lbs)	2 kg (2.2 lbs)	1.8 kg (3.9 lbs)	0.83 kg (1.8 lbs)
Gross Weight	3.8 kg (8.3 lbs)	3.1 kg (6.8 lbs)	3.4kg (7.4lbs)	—
Dimensions L×W×H (mm)	1180 × 225 × 115		1155 × 220 × 120	1350 × 116 × 93
Packing Unit	1			

*1 May differ depending on temperature or remaining battery power. *2 At full charge, no load. *3 Japanese Domestic Model. *4 With 0 m (0 ft) head.



FP-25

For High Viscosity Oil (Up to 2000 cSt)

Specially designed for dispensing oil at service stations.

Applications

- High viscosity oil



SO-25

Specification

Model	SO-25
Discharge Volume	0.5 L/Stroke (0.1 USG/Stroke)
Suction Pipe	1038 mm
Net Weight	5.1 kg (11.2 lbs) (1 unit)
Gross Weight	35 kg (77 lbs) (5 units)
Dimensions L×W×H (mm)	1420 × 300 × 165
Packing Unit	5

High Volume

- Delivers 1 L per rotation.
- Mesh strainer can filter fine dust.
- Applicable for low viscosity oil.

Applications

- Diesel
 - Kerosene
 - Heavy fuel oil A
- *Oil temperature is over 10°C



LP-32

Specification

Model	LP-32
Discharge Volume	1 L / 1 Rotation, (Normal Use) 100 L/min (26 USG/min)
Suction Pipe	ø32 × 956 mm
Delivery Hose	ø32 × 1280 mm
Strainer	#60 with Mesh, Polyethylene
Net Weight	8 kg (17.6 lbs) (1 unit)
Gross Weight	33.5 kg (73.8 lbs) (5 units)
Dimensions L×W×H (mm)	1127 × 242 × 280
Packing Unit	5

"HAND ROTARY PUMP"

Compact in Design & Light Weight

Applicable for low viscosity.

Applications

- Heavy fuel oil A
- Diesel
- Kerosene
- *Oil temperature is over 10°C



Specification

Model	SB-20	SB-25
Discharge Volume	20 L (5 USG) / 105 Rotations	20 L (5 USG) / 72 Rotations
Impeller Material	PPS	
Suction Pipe	1001 mm	1038 mm
Delivery Hose	ø20 × 1100	ø25 × 1280
Net Weight	3.8 kg (8.4 lbs) (1 unit)	5.8 kg (12.8 lbs) (1 unit)
Gross Weight	24 kg (52.9 lbs) (6 units)	25 kg (55.1 lbs) (4 units)
Dimensions L×W×H (mm)	1050 × 235 × 130	1075 × 192 × 205
Packing Unit	6	4



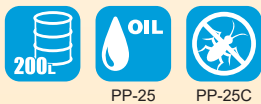
SB-25

Light weight & Economical to Use

Made of strong plastics.

Applications

- (PP-25)**
 - Dispensing small volumes of liquid
 - Heavy fuel oil A
 - Kerosene
 - Diesel
 - Water
 - Wine
- (PP-25C)**
 - Solvent



PP-25

PP-25C

Specification

Model	PP-25	PP-25C
Discharge Volume	20 L/min (5 USG/min)	
Material	Polyethylene	
Pump Length	1190 mm	
Suction Pipe	878 mm	
Delivery Hose	ø25 × 1162 mm	
Net Weight	0.4 kg (0.9 lbs) (1 unit)	
Gross Weight	11 kg (24.2 lbs) (20 units)	
Dimensions L×W×H (mm)	1225 × 450 × 255	
Packing Unit	20	

PP-25C Chemical Compatibility Rating Information

Rating Scale	
○	No Effect
△	Moderate Effect
×	Not Recommended
N	Information Not Available

Chemical (100% concentration unless noted)	Rating
A Acetone	×
Ammonium Hydroxide	N
C Chlorine	○
D Deionized Water	△
Diesel Fuel	○
E Ethanol	○
G Gasoline	△
Glycol	N
H Hydrochloric Acid (20%)	○
Hydrochloric Acid (37%)	○
Hydrochloric Acid (100%)	○
I Isopropyl Alcohol	N
K Kerosene	○
L Lacquer Thinner	×
M Methanol	○
Methyl Chloride	×
Methyl Ethyl Ketone	×
Mineral Spirits	N
Motor Oil	○
N Nitric Acid (20%)	△
Nitric Acid (50%)	△
Nitric Acid (Concentrated)	△
O Oil, Hydraulic	○
P Paint	×
Phosphoric Acid (< 40%)	○
Phosphoric Acid (≥ 40%)	○
S Salt Water	○
Seawater	○
Sodium Hypochlorite	N
Sodium Hydroxide (20%)	N
Sodium Hydroxide (50%)	N
Sodium Hydroxide (80%)	N
Sulfuric Acid (<10%)	○
Sulfuric Acid (10–75%)	○
Sulfuric Acid (75–100%)	○
W Water	○
X Xylene	△

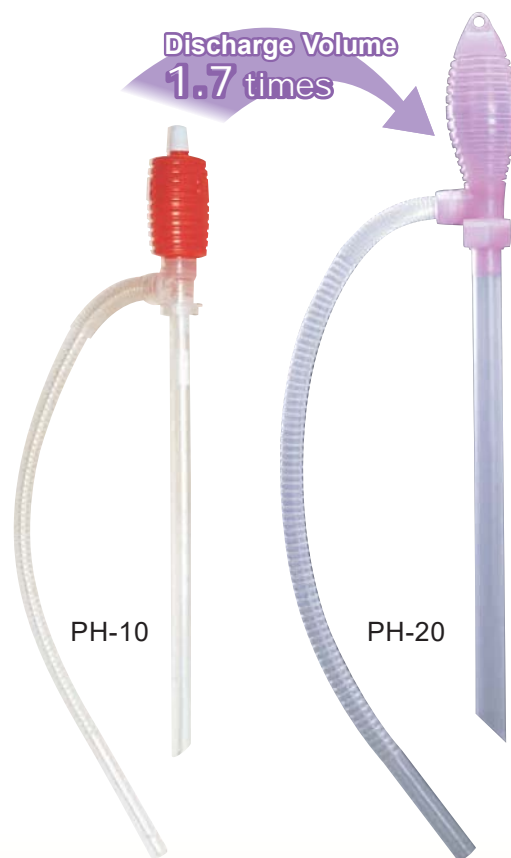
"PACO-PET" Plastic Syphon Pumps

■ Applications

- Kerosene
- Gasoline
- Diesel oil
- Solvent
- Water (Non-potable)

■ Specification

Model	PH-10	PH-20
Discharge Volume	6.7 L/min (1 USG/min)	11.5 L/min (3 USG/min)
Pump Length	517 mm (20")	613 mm (24")
Suction Pipe	385 mm	410 mm
Delivery Hose	545 mm	572 mm
Gross Weight	11.5 kg (25 lbs) (120 units)	10.5 kg (23 lbs) (60 units)
Dimensions L×W×H (mm)	685 × 355 × 608	800 × 345 × 495
Packing Unit	120	60



Plastic Pumps Operated by Dry Cell Battery

■ Applications

- Kerosene

No
Overflow
Trouble

(EP-305,
EP-305BC,
EP-305L)

Big Switch
for Easy
ON/OFF
Control

Type AA

2 Batteries
(Not Included)



■ Specification

Model	EP-105	EP-306	EP-306ML	EP-306BC
Delivery Hose	590 mm		620 mm	
Connection dia Suction	18 mm	20 mm	19.5 mm	20 mm
Connection dia Discharge	35 mm			
Discharge Volume	12 L/min			
Stop Sensor	—	○	○ (buzzer)	○
Power	2×1.5 V AA Batteries (Not Included)			
Gross Weight	5.4 kg	5.9 kg	5.1 kg	6.8 kg
Dimensions L×W×H (mm)	39 × 64 × 547		42 × 64 × 547	
Packing Unit	20		12	

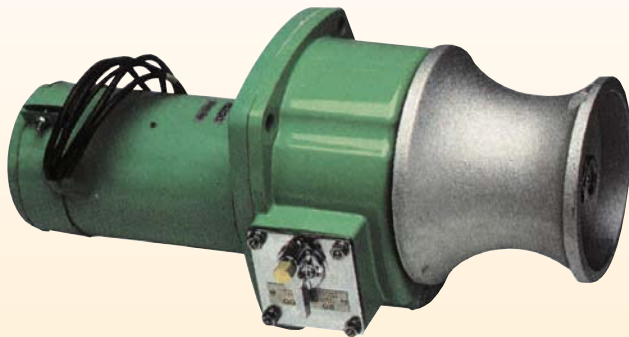
*EP-105 does not have auto stop function.



MARINE WINCHES

Winches

We have a wide range of winches for small fishing vessels to leisure boats. Especially for fishery industry items, we provide corrosion resistance products, operated by DC12V to DC24V, ideal for winding up anchors, drawing fishing net, etc, with maximum winch up power 900kg.



REL-2512



RES-2512



RN-2012



RN-2012H

	Model	QR cord		Model	QR cord
	REL-2512			RES-5524LB	
	RES-2512			RN-2012	
	REN-7524			RN-2012H	
	RES-7524			RES-2012H	
	RENS-7524			RED-2012H	
	REL-7524			REP-2512H	
	REL-5524LB			MR-2512	



MARINE PUMPS

Dewatering Pumps Especially on Vessels

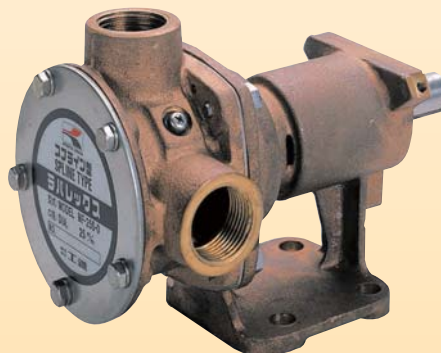
We have a wide range of dewatering pumps for fishery industry. Long seller bilge pumps with auto stop function essential for boat, Revolvex pumps with bronze casting and flexible rubber impeller ideal for seawater and seaweed pumping jobs.



BK-12



MF-40MS



MF-25S



BL-2524N

	Model	QR cord		Model	QR cord
	BK-12			MFC-80S	
	BK-12S			MF-40MS	
	MF-25S			MF-4024X	
	MFC-40S			FS-3224S	
	SK-2524			BL-2524N	



GARDEN SPRAYERS

Garden Sprayer (by Engine Operation)

We are proud to provide several types of Engine operated garden sprayers. High pressure single piston back pack types with tank capacity from 10L to 20L, Twin piston types up to 50L tank suitable for green house job.



ES-20PDX



MS-ERH50TH85



MS-252RT25



MS-ERH50
(ø6×50m Hose)



	Model	QR cord		Model	QR cord
	ES-10CDX			ES-20C	
	ES-10PDX			ES-20PDX	
	MS-ERH-50T			MS-ERH50TH85	
	MS-ERH50 (ø6×50m Hose)			MS-252RT25	



GARDEN SPRAYERS

Garden Sprayer (by Dry Cell Battery or Manual Pressure Operation)

We also provide dry cell types and manual types that are very light and easy to handle. Stress-free spraying job with Back pack or shoulder belt.



							
Model	SLS-7	SLS-10	SLS-15H	DK-7D	JS-10	RW-10DX	
QR cord							
							
Model	JR-20	SS-10	SS-4DX	HS-503W	HS-707W	HS-401E	
QR cord							
							
Model	GT-10V		SS-5P		GT-3S		GT-3HS
QR cord							



SMART KOSHIN BATTERY SYSTEM



Smart KOSHIN Battery Products

**Battery-powered, User-friendly and Very Quiet.
Cordless and Lightweight.**

Tools for Anywhere

Together with Koshin's Li-ion products line-ups, we can work and DIY anywhere we like.
User-friendly, safety and easy handling for anyone.



SJC-3650



Washer

SSP-1820



Pump

SCB-180



Cleaner

SCL-1820



Carry
Brush Cutter

SBC-3625C2



- Battery pack 36V2.5Ah PA-334
- Battery pack 36V5.0Ah PA-413

Pruning Clipper

PHT-1825



PPD-1825B

Sprayer



SMS-360RT25

PPD-1825P

Pole Chain Saw

SPS-180T

SPH-1820K





Make Winter Life Easier with This Stable and Convenient Snow Blower

Compact But, Powerful 11 Horsepower Snow Blower



New

Engine Snow Blower
KSB-1170

■ Suitable snow types

Soft new snow	<input checked="" type="radio"/>	Snow fallen from roofs	<input type="radio"/>
Heavy compacted snow	<input checked="" type="radio"/>	Snow starting to melt	<input type="checkbox"/>

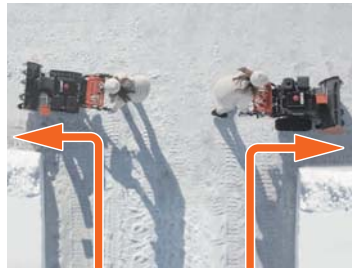
Check product information by video



Works well at slow speeds, making it perfect for female and senior citizens

Rotating function for tight turns

Simply grip the lever in the direction you wish to turn. This rotation function is not available on competitor snow blowers in this price range.



Moves as slowly as needed!

Equipped with an HST (hydraulic stepless transmission) for smooth and stepless speed control with a single lever.



Throw snow near or far!

The snow throwing chute angle is adjustable with a lever. (two angles)



Adjust auger height with a single button!

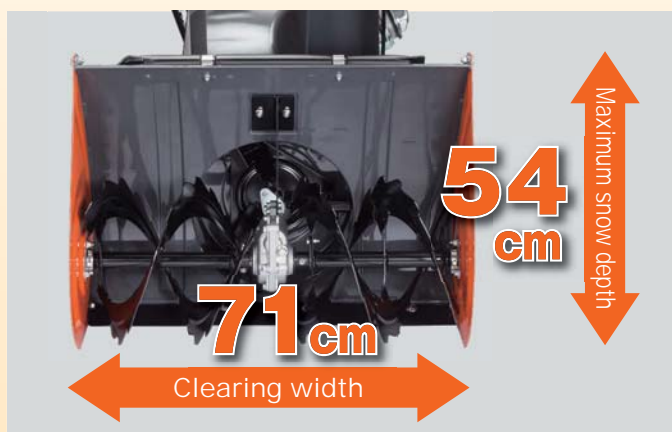
The auger height can easily be adjusted according to snow depth with a button near the handles.



LED light equipped. Easy to work at dark place.



Comes with self-priming pump for when the engine does not start



10 min. Clearing width $250m^2^*$

* One new snow, 20 cm deep

Optional parts for KSB-1170

Product name	For off-season storage		Repair parts		
	Cover	CovAuger sherboltser	Paint for repairs		
Model	PA-419	PA-516	PA-422	PA-428	PA-517

Specification

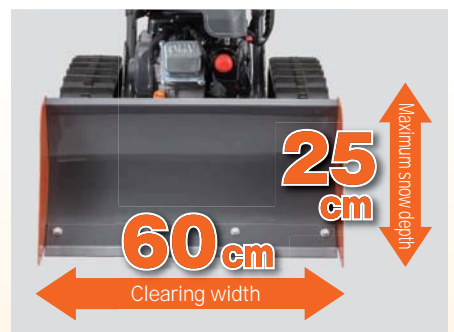
Model	KSB-1170	
Snow throwing direction (left/right)	210° (stepless adjusting)	
Snow throwing angle (up/down)	100° (9 stages)	
Engine	Name	Koshin K420DS
	Type	Air-cooled 4-cycle gasoline engine
	Start type	Starter motor (electric), recoil starter (manual)
	Displacement	420 cm ³ (cc)
	Maximum capacity	8.6 kW (11.7 PS) / 3600 rpm
	Fuel type	Automobile unleaded gasoline
	Run time guideline (at full tank)	Approx. 5 hrs. (no load), approx. 2.5 hrs. (with load)
	Fuel tank capacity	5.2 L
	Oil type	Engine oil (SE or higher) SAE5W-30
	Oil capacity	1.1 L
Body dimensions	1470 × 742 × 1076 mm (Fully assembled size)	
Net Weight	145.6 kg (321 lbs)	
Gross Weight	—	
Dimensions L×W×H (mm)	—	
Packing Unit	1	

Beginner-friendly! Quick Start with Electric Start!

Check product information by video



Engine-powered
Snow Remover
ESR-600



■ Suitable snow types

Soft new snow	<input checked="" type="radio"/>	Snow fallen from roofs	<input type="radio"/>
Heavy compacted snow	<input type="radio"/>	Snow starting to melt	<input type="radio"/>

10 min. Clearing width **80m²***

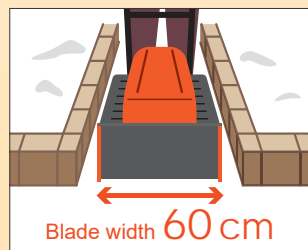
* One new snow, 10 cm deep

Easy start with electric start



60 cm wide and easily clears narrow spaces!

Oscar's blade is 60 cm, the same as the crawler. It keeps a straight line without wavering for smooth clearing.



■ Specification

Model	ESR-600	
Cleaning width	600 mm	
Blade height	320 mm	
Engine	Name	Koshin K100DS
	Type	Air-cooled 4-cycle gasoline engine
	Start type	Starter motor (electric), recoil starter (manual)
	Displacement	98.5 cm ² (cc)
	Maximum capacity	1.95 kW (2.65 PS) / 3600 rpm
	Fuel type	Automobile unleaded gasoline
	Run time guideline (at full tank)	Approx. 3 hrs. (with load)
	Fuel tank capacity	1.6 L
	Oil type	Engine oil (SE or higher) SAE5W-30
	Oil capacity	0.35 L
Body dimensions	1280 × 630 × 950 mm (Fully assembled size)	
Net Weight	57.3 kg (126.3 lbs)	
Gross Weight	—	
Dimensions L×W×H (mm)	—	
Packing Unit	1	

Easy Clearing with Quiet, Stable and Convenient Snow Remover

Check product information by video



Battery-powered Snow Remover **SR-350**



■ Suitable snow types

Soft new snow	<input checked="" type="radio"/>	Snow fallen from roofs	<input checked="" type="radio"/>
Heavy compacted snow	<input type="radio"/>	Snow starting to melt	<input type="radio"/>

10 min. Clearing width **60m²***

* One new snow, 10 cm deep

■ Battery-powered yet powerful!

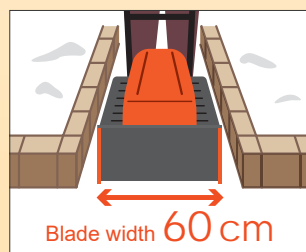
Compact and battery-powered, yet as powerful as an engine snow remover.

Clears snow smoothly
(on wet snow, 11 cm deep)



■ 60 cm wide and easily clears narrow spaces!

Oscar's blade is 60 cm, the same as the crawler. It keeps a straight line without wavering for smooth clearing.



■ Specification

Model	SR-350 *1	
Cleaning width	600 mm	
Blade height	320 mm	
Motor	DC motor 24 V-35W	
Gear shift type	Gears (1 forward speed, neutral, 1 reverse speed)	
Vehicle speed	Forward speed 2.0 km/h, reverse speed 1.5 km/h	
Battery	Sealed lead-acid battery	
Voltage/Capacity	24 V/20 Ah	
Charging method	Via recharge socket on body and removable battery	
Charger	Power	AC100V (50-60 Hz)
	Charging time	Approx. 12 hrs.*2 (At 25°C±5°C room temperature)
Operating time	Approx. 1 hr.*2 (At 0°C temperature)	
Body dimensions	1280 × 630 × 910 mm (Fully assembled size)	
Net Weight	54 kg (119.1 lbs)	
Gross Weight	—	
Dimensions L×W×H (mm)	—	
Packing Unit	1	

*1 Japanese Domestic Model. *2 Varies under different conditions.

KOSHIN

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12 Kami-Hachinotsubo, Kotari,
Nagaokakyo city, Kyoto, 617-8511, Japan

✉ Info@koshin-ltd.co.jp

🌐 www.koshinpump.com



*Design and specifications are subject to change without notice.
24-06 699705106

