

KOSHIN

KOSHIN



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🌐 www.koshinpump.com



*Design and specifications are subject to change without notice.
26-07 699705107

GENERAL CATALOG Vol.7

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Trusted in 160 Countries for High Quality



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▼ Explanation of pictogram

GARDENING

IRRIGATION

SPRINKLER

FIRE FIGHTING

WASHING

30~45m+
HIGH LIFT

FISH TANK

ON BOAT

200L
DRUM CAN

SiC
SILICON CARBIDE
MECHANICAL SEAL

CONSTRUCTION

SHALLOW
WELL

FISH FARM

SEA WATER

CHEMICALS

HOME SWIMMING
POOL

OIL 1000
cst

OIL
Transfer

DRY CELL
BATTERY

ENVIRONMENT



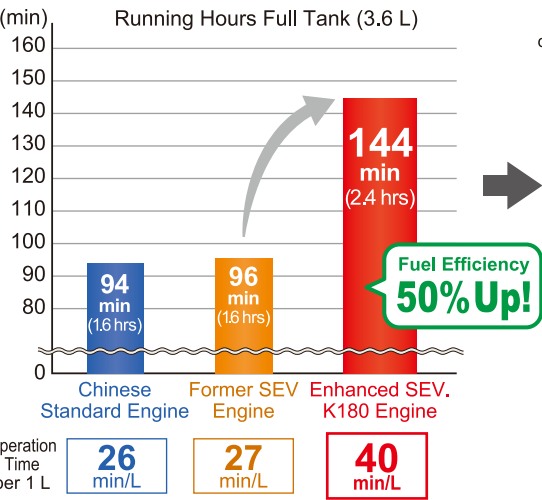
PORTABLE & POWERFUL

KOSHIN Engine
Competitive Price & Guaranteed Quality

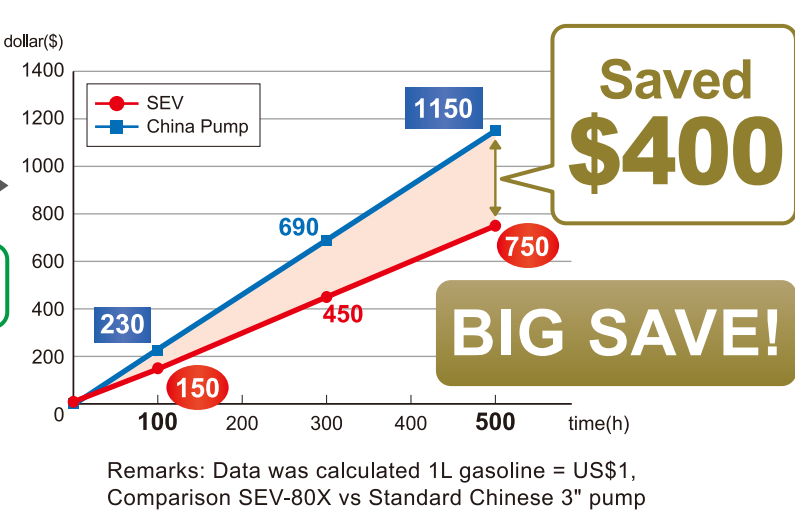
(1) Low fuel consumption. The Koshin engine achieves the lowest fuel consumption.

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

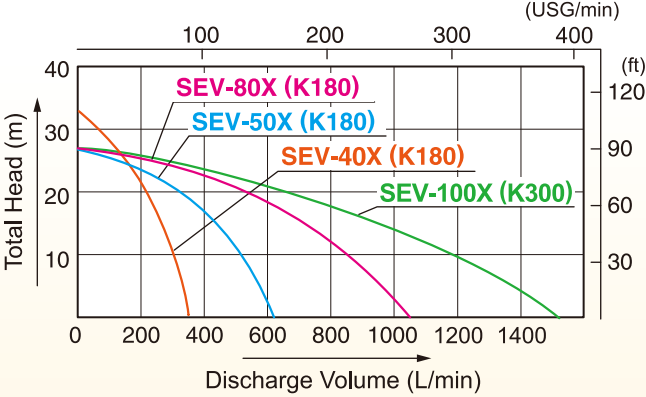
Koshin guarantees 8 m suction lift and specifications.

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)	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

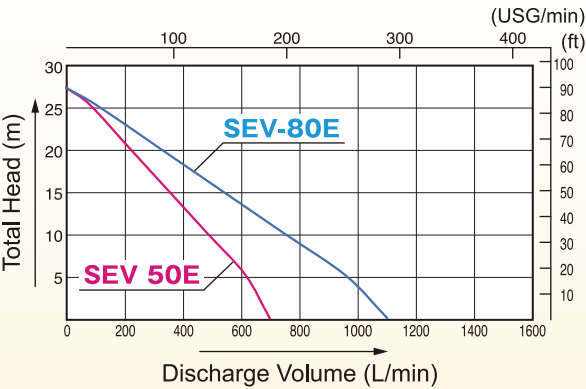


SEV-50E



SEV-80E

Performance Curve



Specification

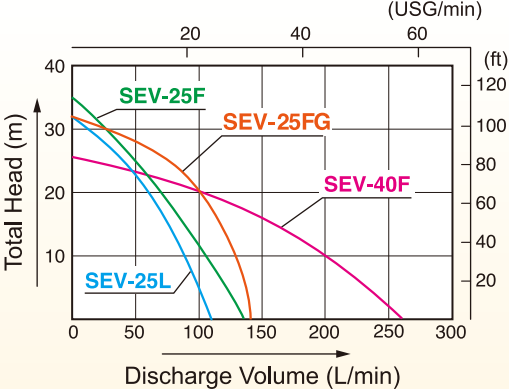
Model		SEV-50E	SEV-80E
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	27 m (88 ft)	
	Discharge Volume	670 L/min (177 USG/min)	1100 L/min (290 USG/min)
	Max. Suction Lift	8 m (26 ft)	
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin 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	



SEV-25F

4
STROKE

Performance Curve



SEV-25L

2
STROKE



SEV-40F

4
STROKE

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



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

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)



Solid Sizes

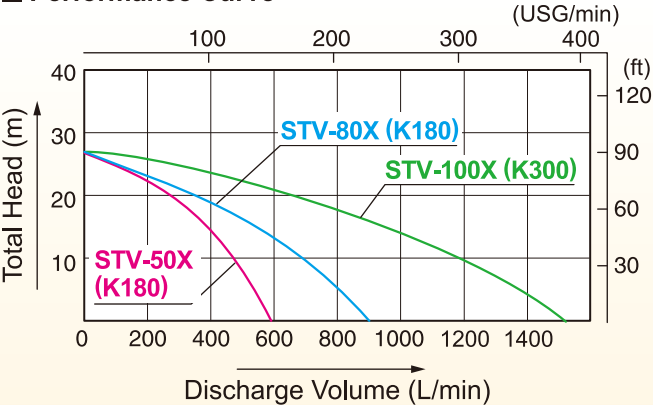
Max. 8mm Max. 9mm

50X Type 80X Type

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		

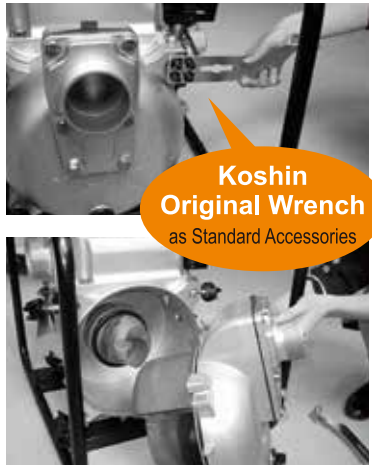


HEAVY DUTY

Koshin Trash Pumps

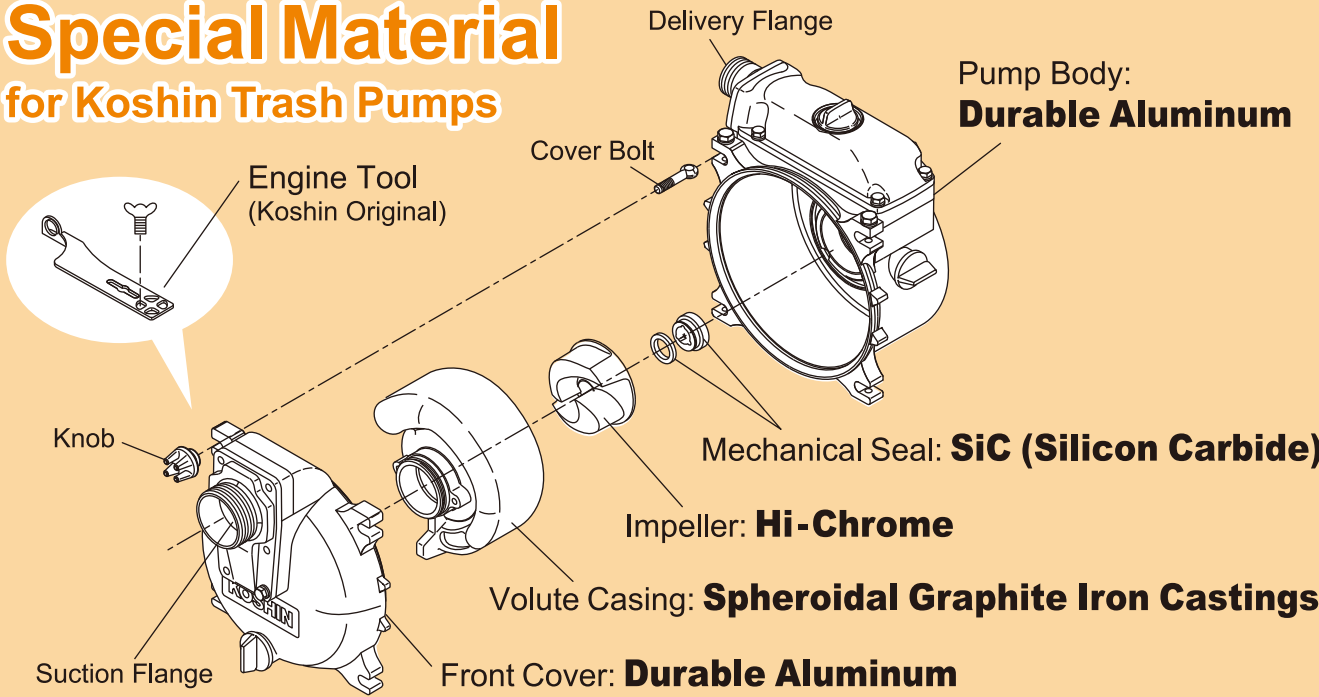
- **Reasonable price**
About 30% less price compared to same quality trash pumps. The most affordable price ever.
- **Excellent Quality**
Provides powerful performance and long durability with New KOSHIN engine and enhanced pump.
- **Easy maintenance**
Thoughtful flame for easy replacement of carburetor.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

Easy & Quick Maintenance



Koshin Original Wrench
as Standard Accessories

Special Material for Koshin Trash Pumps



Heavy Duty Trash Pumps



Solid Sizes

Max.
20mm

50X Type

Max.
27mm

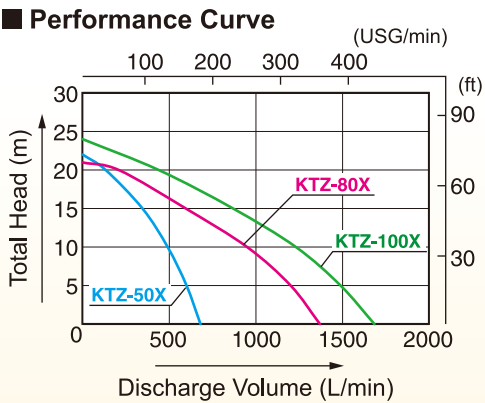
80X & 100X Type



KTZ-80X



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		
ENGINE	Material for Volute	FCD 450		
	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



Solid Sizes

Max.
27mm

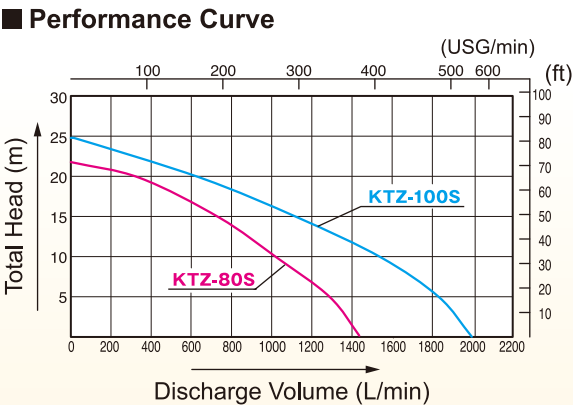
80S & 100S Type



KTZ-80S



KTZ-100S



■ Specification

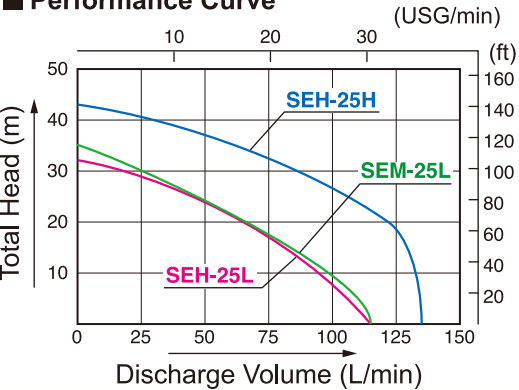
Model		KTZ-80S	KTZ-100S
PUMP	Connection Dia	80 mm(3")	100 mm(4")
	Connection Thread	Outer Pipe Thread BSP or NPT	
	Total Head	22 m (72 ft)	25 m (82 ft)
	Discharge Volume	1420 L/min (375 USG/min)	1980 L/min (523 USG/min)
	Max.Suction Lift	8m (26 ft)	
	Material for Mechanical Seal	SiC (Silicon Carbide) × SiC	
	Material for Impeller	Hi-Chrome	
ENGINE	Material for Volute	FCD450	
	Type	Forced Air-Cooled 4-stroke Gasoline 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

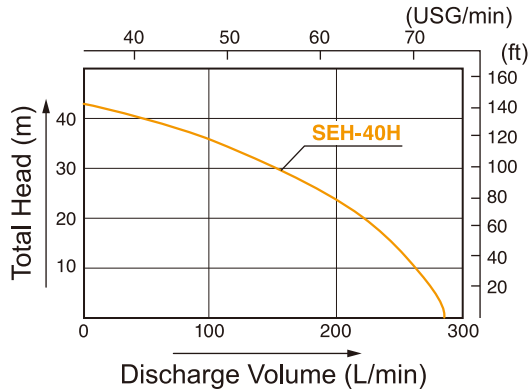
* Engine noise are half of 2-stroke engine.



Performance Curve



SEH-25H



SEH-25L



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 (3/4")>
- 1 Hose nipple <20 mm (3/4") x 15 mm (1/2")>



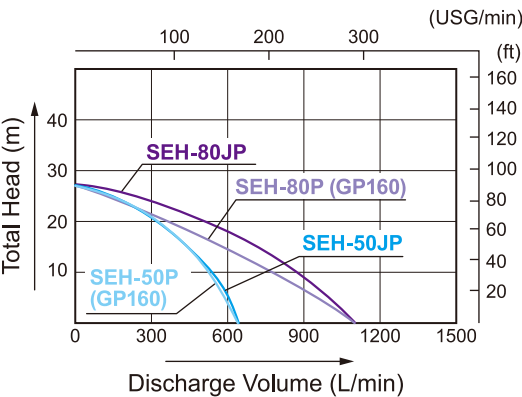
Specification

Model		SEH-25L	SEH-25H	SEH-40H	SEM-25L
PUMP	Connection Dia	25 mm (1")		40 mm (1½")	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

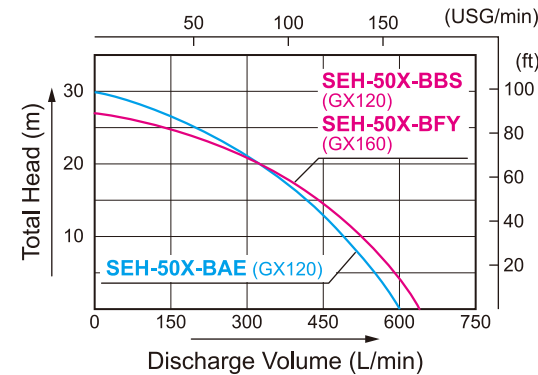
Specification

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			

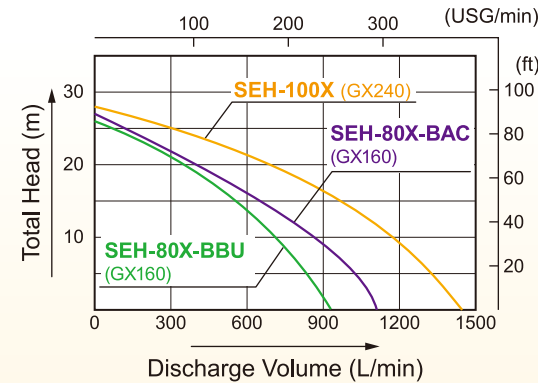
Complete Range of Water Pumps
Powered by Honda Engine



■ Performance Curve



SEH-50X



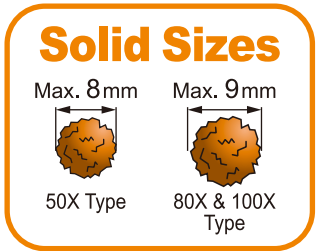
SEH-80X

■ 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")		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)	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					Approx. 2.5 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.

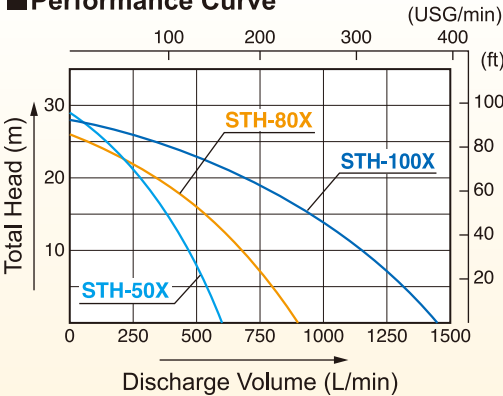


STH-80X



STH-50X

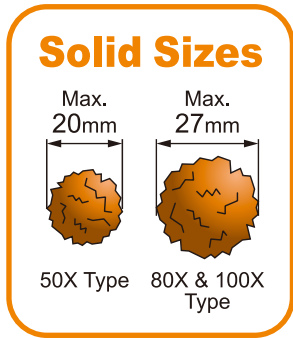
■ Performance Curve



■ Specification

PUMP	Model	STH-50X	STH-80X	STH-100X
	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)
ENGINE	Max. Suction Lift	8 m (26 ft)		
	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		
	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

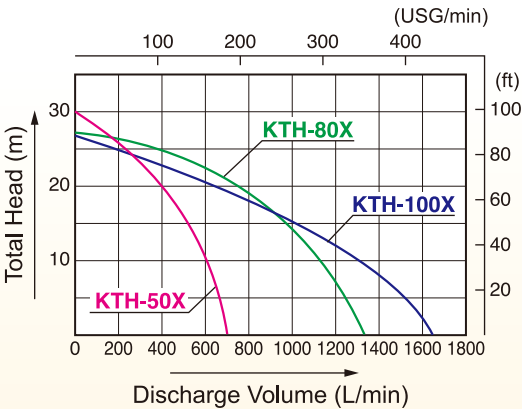


KTH-80X



KTH-100X

■ Performance Curve



■ 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		
ENGINE	Material for Volute	Spheroidal Graphite Iron Castings (FCD 450)		
	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		

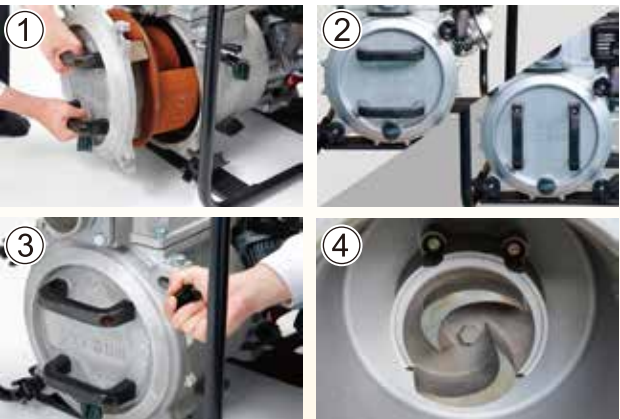
New Design for Easy Maintenance



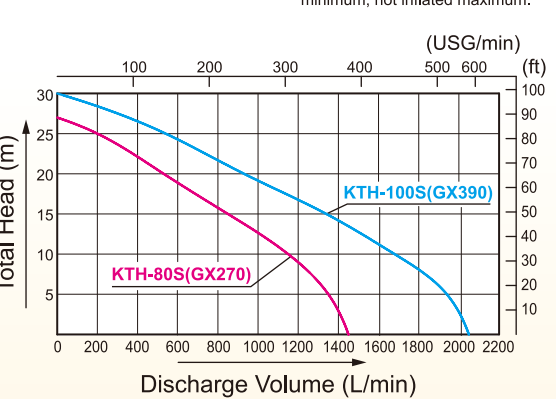
KTH-80S

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



■ 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	



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.

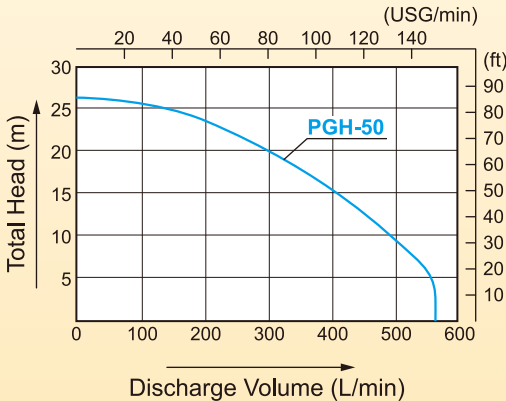


PGH-50

■ 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)
ENGINE	Material for Mechanical Seal	Ceramic Carbon
	Type	Forced Air-cooled 4-stroke Gasoline
	Model	Honda GX120
	Displacement	122 cc
	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



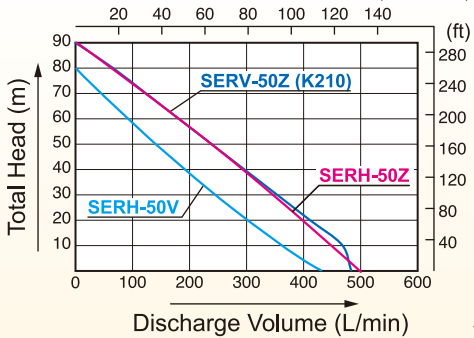
Suitable for Sprinkler System & Fire Fighting

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



SERH-50V SERH-50Z

■ Performance Curve



SERV-50Z



SERH-50Z

■ Specification

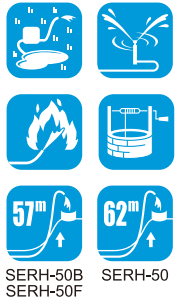
Model		SERH-50V	SERH-50Z	SERV-50Z
PUMP	Connection Dia	50 mm (2")		
	Suction Discharge	50 mm (2") / 25 mm (1") × 2		
	Connection Thread	Outer Pipe Thread BSP or NPT*1		
	Total Head	80 m (262 ft)	90 m (295 ft)	
	Discharge Volume	430 L/min (114 USG/min)	500 L/min (132 USG/min)	480 L/min
ENGINE	Max. Suction Lift	8 m (26 ft)		
	Type	Forced Air-cooled 4-stroke Gasoline Engine		
	Model	Honda GX160 High rpm	Honda GX200 High rpm	Koshin 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) 2 Quick Couplings (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

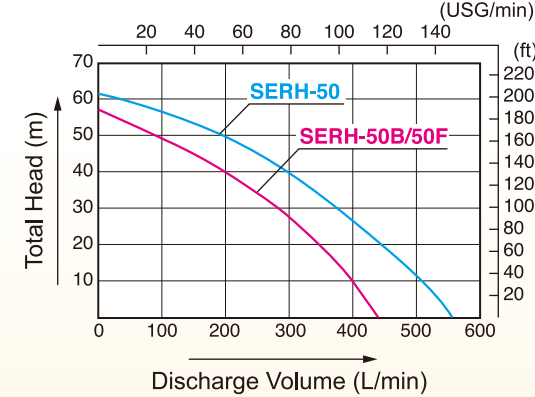
Suitable for Sprinkler (System) & General Irrigation



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")
	Suction			
	Discharge	50 mm (2")	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)		
ENGINE	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		

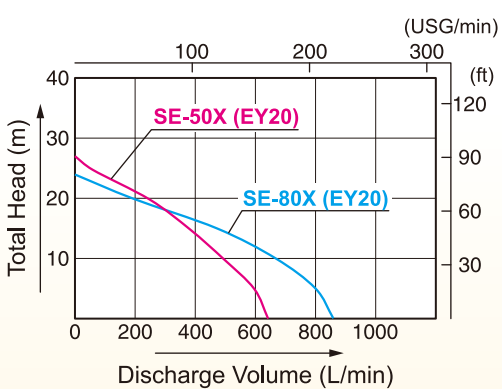
Strong & Durable Robin(CC) Engine

- 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)
ENGINE	Discharge Volume	640 L/min (169 USG/min)	860 L/min (227 USG/min)
	Max.Suction Lift	8 m (26 ft)	
	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

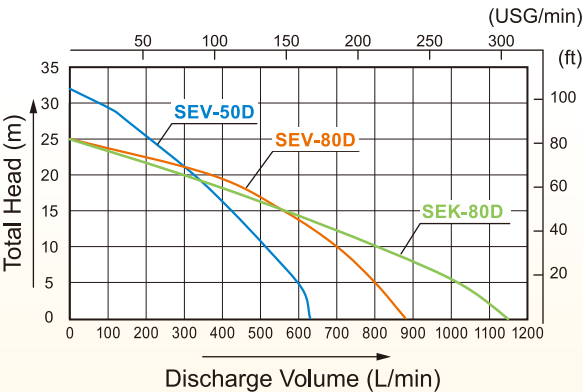


SEV-80D



SEV-50D

Performance Curve



Specification

Model			SEV-50D	SEV-80D	SEK-80D
PUMP	Connection Dia	Suction	50 mm (2")	80 mm (3")	
		Discharge	50 mm (2")	80 mm (3")	
	Connection Thread		Outer Pipe Thread BSP		
	Total Head		32 m (104 ft)	25 m (82 ft)	
	Discharge Volume		630 L/min (166 USG/min)	880 L/min (232 USG/min)	1150 L/min (303 USG/min)
ENGINE	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

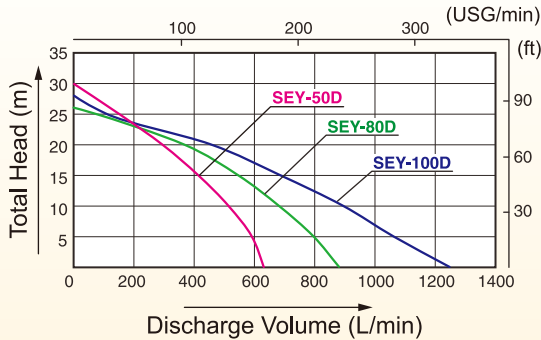


SEY-100D



SEY-50D

Performance Curve

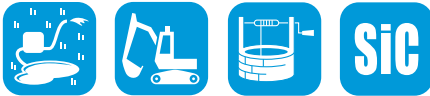


Specification

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)
ENGINE	Max. Suction Lift	8 m (26 ft)		
	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.

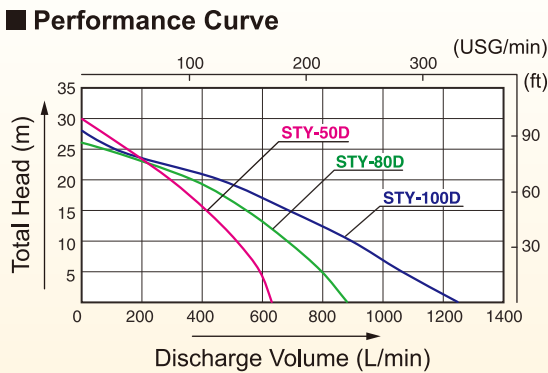


- **SIC**
Silicon Carbide Mechanical Seal
4-5 times more durable than
Standard Carbon Ceramic
mechanical seal.
- **FCD**
Spheroidal Graphite Iron Casting
for Impeller & Volute Casing
6.5 times more erosion resistance
than Standard FC or Cast Iron.



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



■ Specification

PUMP	Model	STY-50D	STY-80D	STY-100D
	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)
ENGINE	Max. Suction Lift	8 m (26 ft)		
	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		

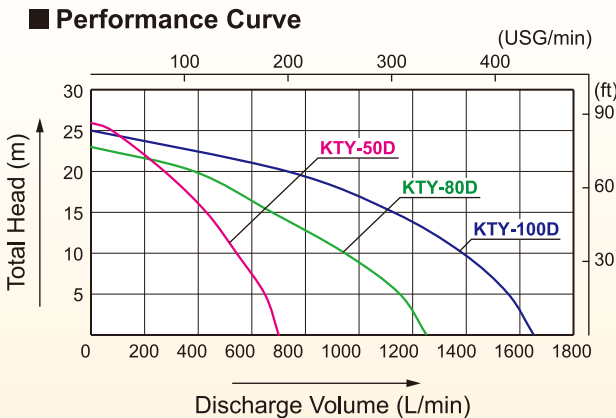
Heavy Duty Trash Pumps

- 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



■ Specification

PUMP	Model	KTY-50D	KTY-80D	KTY-100D
	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)
ENGINE	Max. Suction Lift	8 m (26 ft)		
	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		

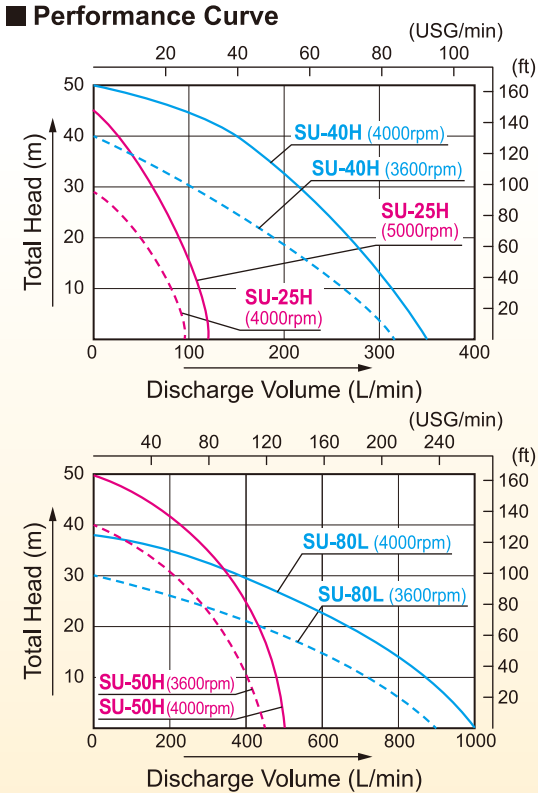


PABOOL PUMPS

Pabool Pumps are Designed for Sprinkler System & General Irrigation



SU-50H



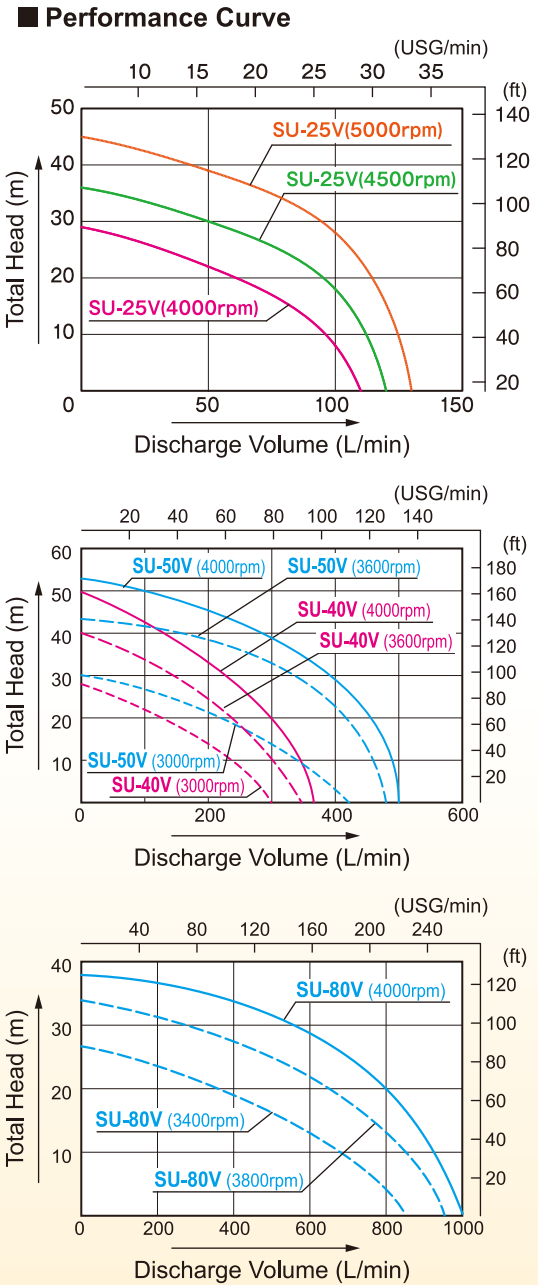
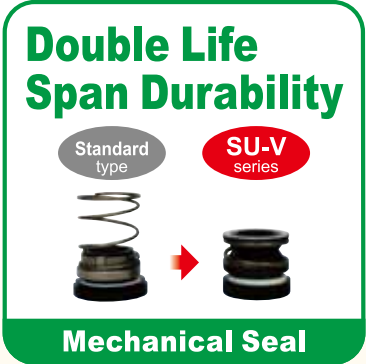
■ Specification

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)	651 × 449 × 235		449 × 359 × 259		392 × 250 × 280		424 × 277 × 310	
Packing Unit	1		2		1			

Powerful Pressure & Enhanced Durability



SU-50V



■ 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											



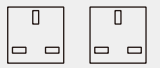
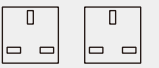
GENERATOR

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

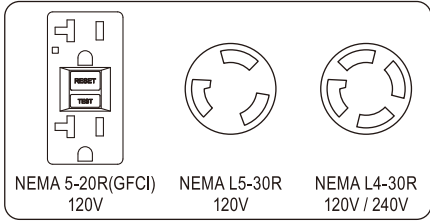
Model		GV-3000	GV-7000S	GV-3200	GV-7600S
GENERATOR	Phase	Single			
	Voltage Regulation	AVR			
	Rated Output	2 kVA	5 kVA	2.3 kVA	5.5 kVA
	Maximum Output	2.2 kVA	5.5 kVA	2.5 kVA	6 kVA
	Rated Frequency	50 Hz		60 Hz	
	Rated Voltage	220 V			
	Rated Ampere	9.1A	22.7 A	10.5 A	25 A
	DC Output	12 V/8.3 A			
	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  CEE 7/4, 2pcs	BS1363, 2pcs  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 Weight	42.1 kg (93 lbs)	85 kg (187 lbs)	42.6 kg (94 lbs)	85 kg (187 lbs)
	Gross Weight	44 kg (97 lbs)	87 kg (192 lbs)	45 kg (99 lbs)	87 kg (192 lbs)
	Dimensions L×W×H (mm)	635 × 460 × 475	700 × 550 × 560	635 × 460 × 475	700 × 550 × 560
Packing Unit	1				

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

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



MULTI DISPLAY



ANSI / PGMA G300-2018 standard

Intertek



GV-8000S



GV-6000S

*Battery Not Included

Specification

Model		GV-6000S	GV-8000S	
GENERATOR	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		
	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	 NEMA L4-30R ×1 120V / 240V	
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 Weight	83 kg (183 lbs)	86 kg (189.6 lbs)	
	Gross Weight	89.6 kg (197.5 lbs)	92.1 kg (203.0 lbs)	
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)
GENERATOR	Phase	Single				
	Voltage Regulation	Inverter				
	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)				
	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) ×1 120V	 NEMA 5-20R(GFCI) ×1 120V	 NEMA L5-30R ×1 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)	52 kg (114.6 lb)	
Gross Weigh	23 kg (50.7 lb)	50 kg (110.2 lb)	25 kg (55.1 lb)	50 kg (110.2 lb)	55 kg (121.2 lb)	
Dimensions L×W×H (mm)	520 × 320 × 490	620 × 535 × 580	520 × 320 × 490	620 × 535 × 580	620 × 535 × 580	
Packing Unit	1					

HIGH PRESSURE WASHER



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

Specification

Model		JCE-1408U	JCE-1408UDX	JCE-1510UK
PUMP	Max. Pressure	14 MPa		15 MPa
	Max. Volume	8 L/min		10 L/min
	Recommended Feed-water	Clear water at 5 — 40 °C		
	Max. Suction Lift	1.5 m		
	Necessary Volume of Engine Oil	120 cc		450 cc
ENGINE	Type	Forced Air-Cooled 4-stroke OHV Gasoline Engine		
	Model	Koshin K180		Koshin K210
	Displacement	179 cc		212 cc
	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

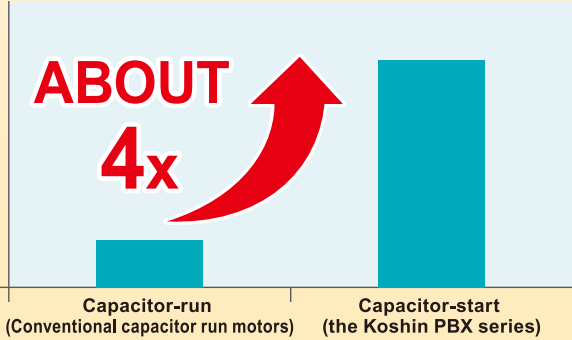
When the pump operates normally, the air valves will be closed by the water pressure inside the pump.

Feature 2

Extra Powerful Startup Torque!

The Koshin centrifugal force switch

Starting torque



Feature 3

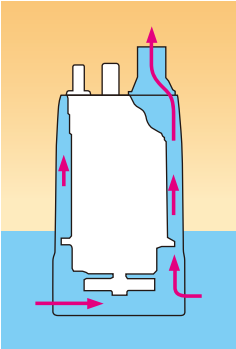
Designed specifically for use in muddy and sandy water, using strong and durable materials

PBX-55022



Effective Motor Cooling System

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



Solid Sizes

Max. 6mm



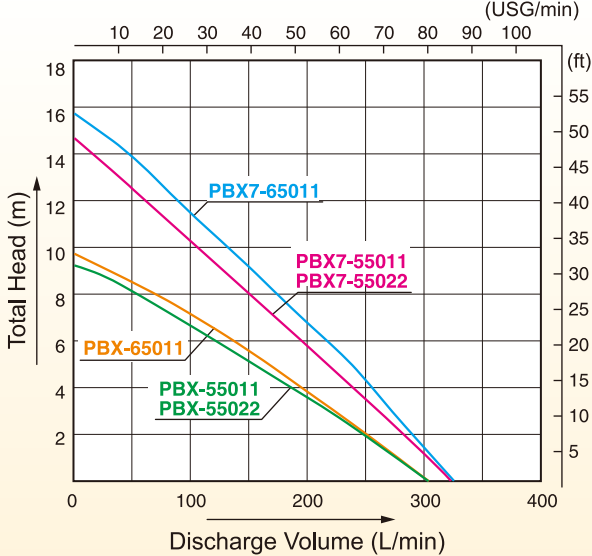
Optional parts

Float switch

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



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)		
	Voltage	AC 220 V	AC 110 V		AC 220 V	AC 110 V	
	Frequency	50 Hz		60 Hz	50 Hz		60 Hz
MOTOR	Rated Current	4.2 A	8.1 A	8.7 A	6.0 V	12.0 V	
	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 Weigh		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					

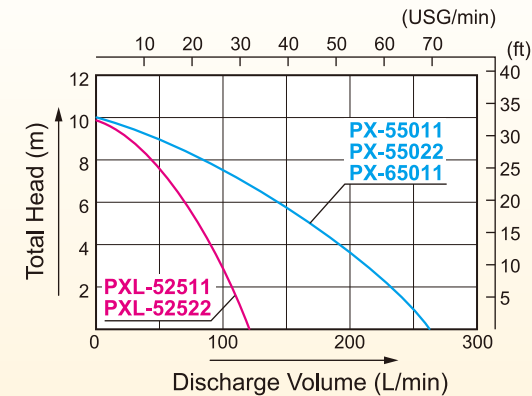
Great Durability

- Pump up to 20mm water level
- Easy maintenance



PX-55022

Performance Curve



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				
	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					

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

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

Invertible Delivery Flange

Just 2 bolts delivery flange is inverted



FOR INDUSTRIAL APPLICATION

"GEAR PUMP" GL Series for Low Viscosity Oil

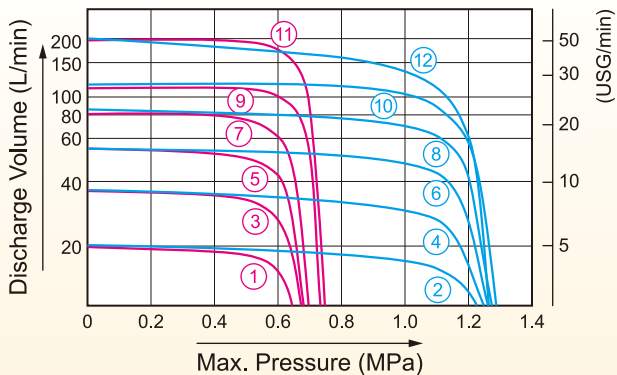
- Safety by-pass function protects pump.
- For oil transfer

Applications

- Kerosene
- Heavy oil
- Machine oil
- Light oil



Performance Curve



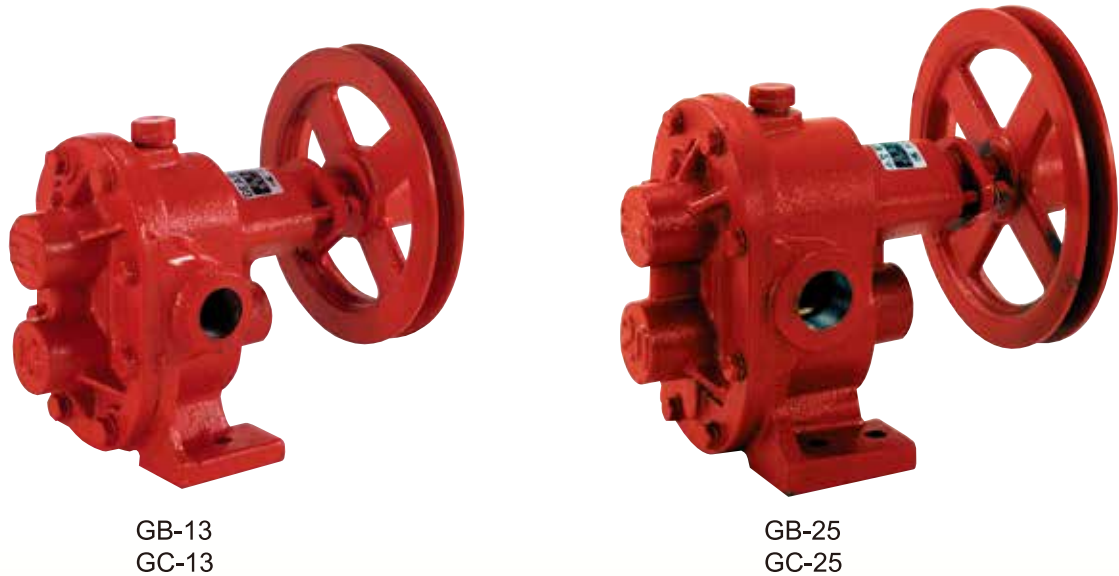
GL-25-5

* 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 (½")		20 mm (¾")		25 mm (1")		32 mm (1¼")			40 mm (1½")		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.	MPa	0.5	1	0.5	1	0.5	1	0.5	1		0.5	1	0.5	1		
Pressure	kgf/cm²	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)			14.8 kg (33 lbs)		16.4 kg (36 lbs)			
Gross Weight		4.8 kg (11 lbs)		5.0 kg (11 lbs)		5.6 kg (13 lbs)		8.5 kg (19 lbs)			15.8 kg (35 lbs)		17.4 kg (38 lbs)			
Dimensions L×W×H (mm)		224 × 150 × 155						307 × 150 × 155					318 × 258 × 220			
Packing Unit													1			

"GEAR PUMPS"
Suitable for Water, Oil &
Various Liquids Applications



Applications (GB)

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

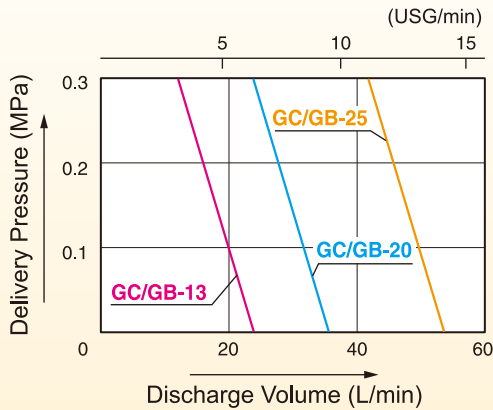


Applications (GC)

- 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 (½")		20 mm (¾")		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/cm²)					
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)		13 kg (28.7 lbs) (2 units)		22.5 kg (49.6 lbs) (2 units)	
Dimensions L×W×H (mm)	307 × 273× 196	391 × 236 × 167	294 × 213 × 202		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
- Machine oil
- Heavy oil
- Light oil



*Gasoline must not be used.

Specification

Model	GM-2524H
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
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



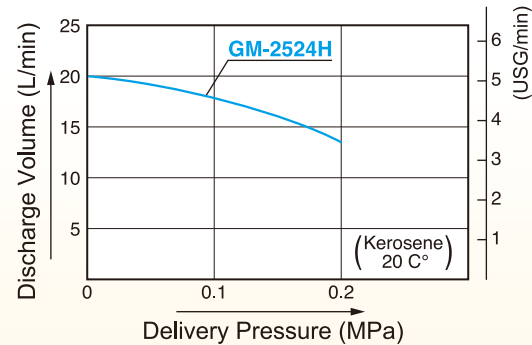
GM-2524H

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

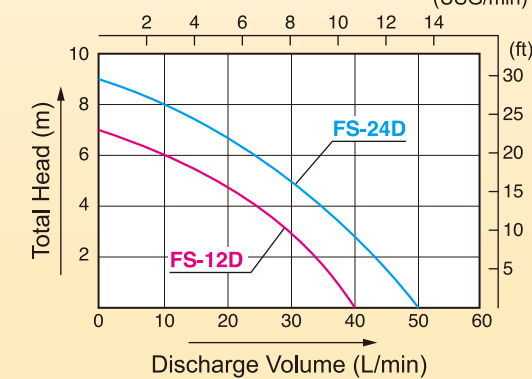
Model	FS-12D	FS-24D
Connection Dia	20 mm (3/4")	
Total Head	7 m (23 ft)	9 m (30 ft)
Discharge Volume	40 L/min (10 USG/min)	50 L/min (13 USG/min)
Max. Suction Lift	3 m (9.8 ft)	
Voltage	DC 12 V	DC 24 V
Rated Current	15 A	8 A
Output	80 W	90 W
Revolution	7300 rpm	
Net Weight	4.5 kg (10 lbs) (1 unit)	
Gross Weight	4.8 kg (10.6 lbs) (1 unit)	
Dimensions L×W×H (mm)	292 × 145 × 197	
Packing Unit	1	

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

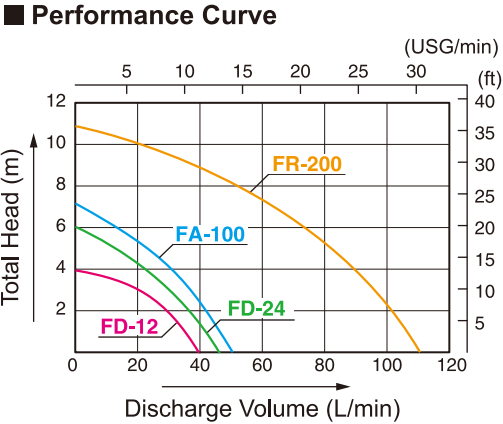
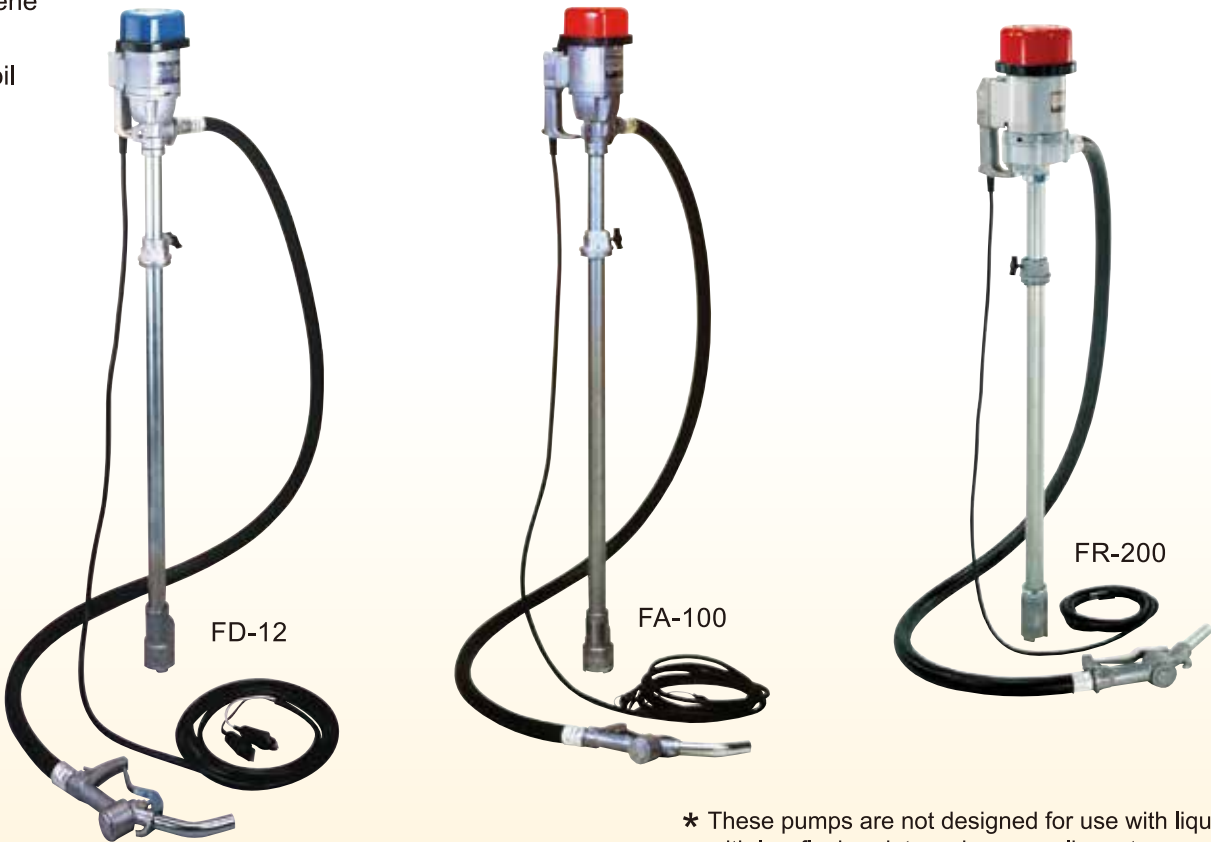


Powerful "FILL PUMP" Only 2 Minutes to Empty 200 L Drum (FR-200)

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



■ Specification

Model		FD-12	FD-24	FA-100		FR-200	
PUMP	Connection Dia	20 mm (¾")				32 mm (1¼")	
	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 (ø¾") × 2 m)				1 Oil-Proof Rubber Hose (ø32 mm (ø1¼") × 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					

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

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

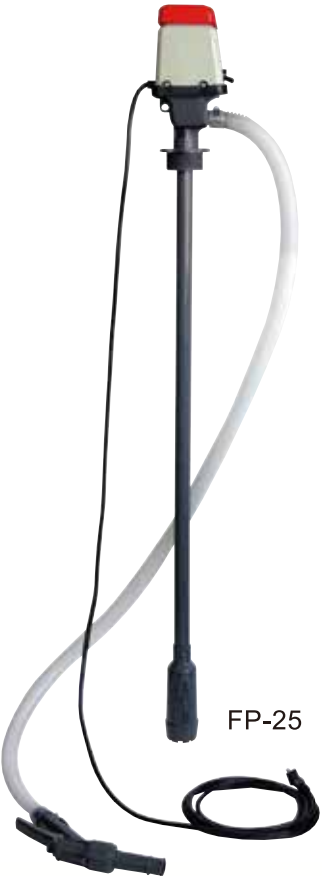


★ Gasoline must not be used.

■ 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 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	270 × 400 × 435
Packing Unit	1			4

*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.



For High Viscosity Oil (Up to 2000 cSt)

Specially designed
for dispensing oil at
service stations.

■ Applications

- High viscosity oil



■ 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	12.7 kg (28 lbs) (2 units)
Dimensions L×W×H (mm)	1420 × 300 × 165
Packing Unit	2

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



■ 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
 - Kerosene
 - Diesel
- *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	1080 × 200 × 210
Packing Unit	6	4

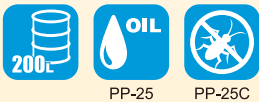


SB-25

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



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		Rating
(100% concentration unless noted)		
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	△

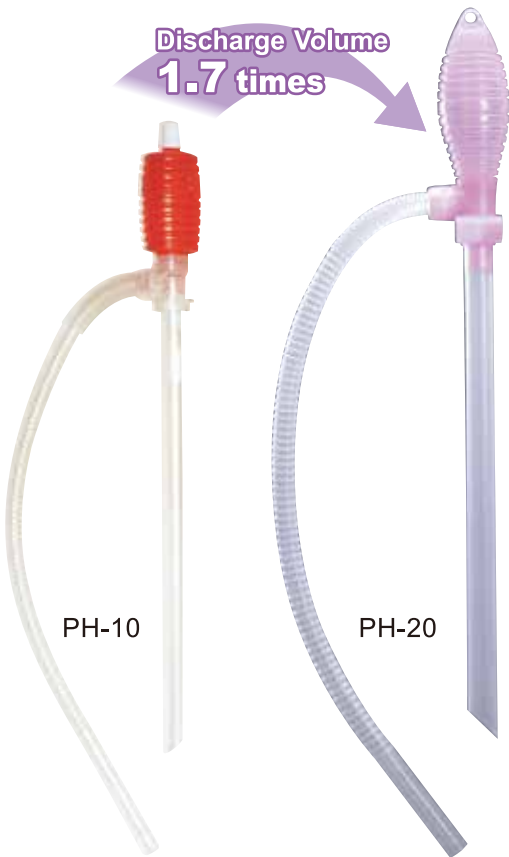
"PACO-PET"

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)	6.8 kg (15 lbs) (40 units)
Dimensions L×W×H (mm)	680 × 330 × 603	800 × 355 × 350
Packing Unit	120	40



PH-10

PH-20

Plastic Pumps Operated by Dry Cell Battery

- Applications
- Kerosene

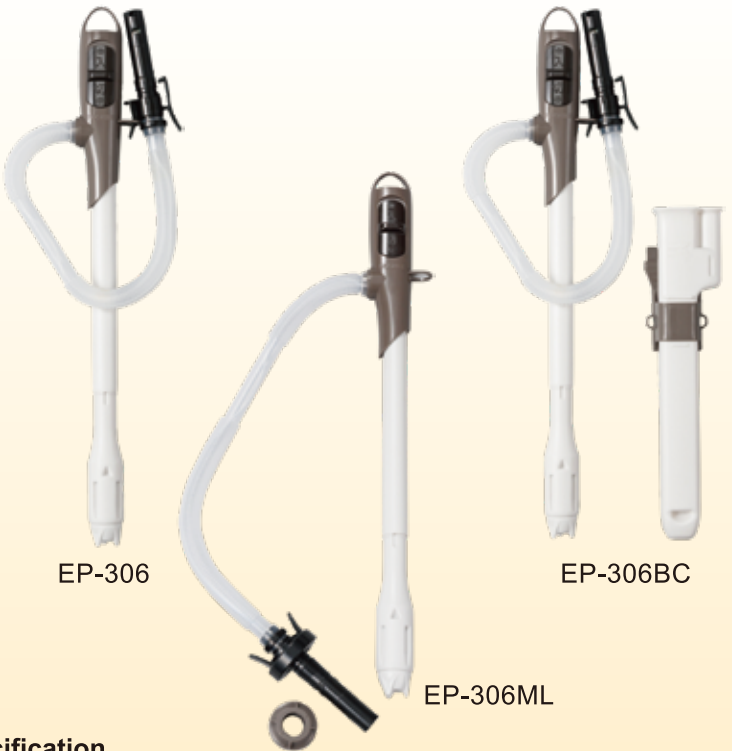
No
Overflow
Trouble

EP-305,
EP-305BC,
EP-305L

Type AA

2 Batteries
(Not Included)

Big Switch
for Easy
ON/OFF
Control



EP-306

EP-306BC

EP-306ML

■ Specification

Model	EP-306	EP-306ML	EP-306BC
Delivery Hose	620 mm		
Connection dia Suction	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	6.1 kg	6.8 kg	5.1 kg
Dimensions L×W×H (mm)	300 × 290 × 585	305 × 315 × 585	290 × 280 × 615
Packing Unit	20	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.



	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.



	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 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.



	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.



Make Winter Life Easier with This Stable and Convenient Snow Blower

Compact But, Powerful 11 Horsepower Snow Blower



Engine Snow Blower
KSB-1170

Suitable snow types

Soft new snow	☉	Snow fallen from roofs	○
Heavy compacted snow	☉	Snow starting to melt	△

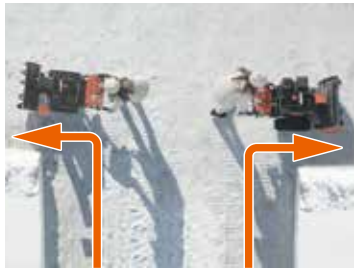
Check product information by video



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!

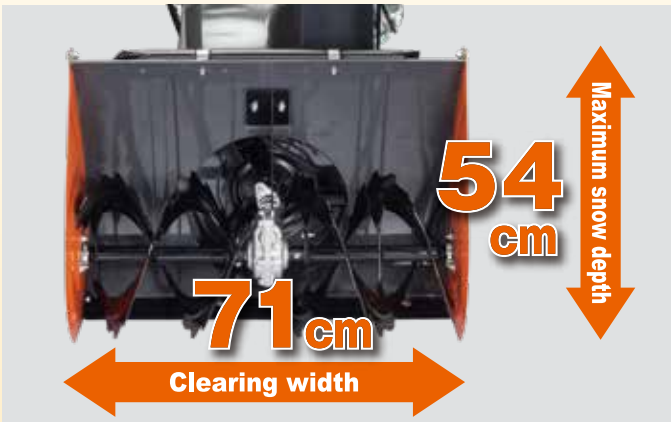
The auger height can easily be adjusted according to snow depth with a button near the handles.



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 250m²*

* One new snow, 20 cm deep

Optional parts for KSB-1170

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

Specification

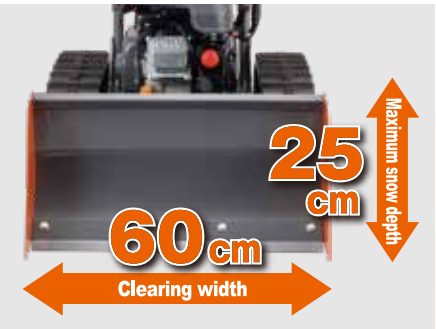
Model	KSB-1170
Snow throwing direction (left/right)	210° (stepless adjusting)
Snow throwing angle (up/down)	100° (9 stages)
Name	Koshin K420DS
Type	Air-cooled 4-cycle gasoline engine
Start type	Starter motor (electric), recoil starter (manual)
Displacement	420 cm ³ (cc)
Maximum capacity	8.6 kW (11.7 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



10 min. Clearing width **80m²***

* One new snow, 10 cm deep

■ Suitable snow types

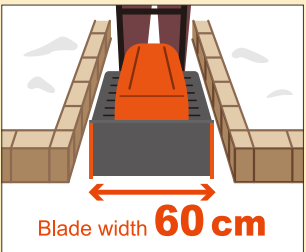
Soft new snow	◎	Snow fallen from roofs
Heavy compacted snow	○	Snow starting to melt

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
Name	Koshin K100DS
Type	Air-cooled 4-cycle gasoline engine
Start type	Starter motor (electric), recoil starter (manual)
Displacement	98.5 cm ³ (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



10 min. Clearing width **60m²***

* One new snow, 10 cm deep

■ Suitable snow types

Soft new snow	◎	Snow fallen from roofs
Heavy compacted snow	○	Snow starting to melt

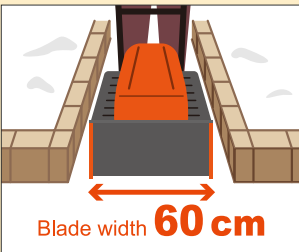
Battery-powered yet powerful!

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



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.