



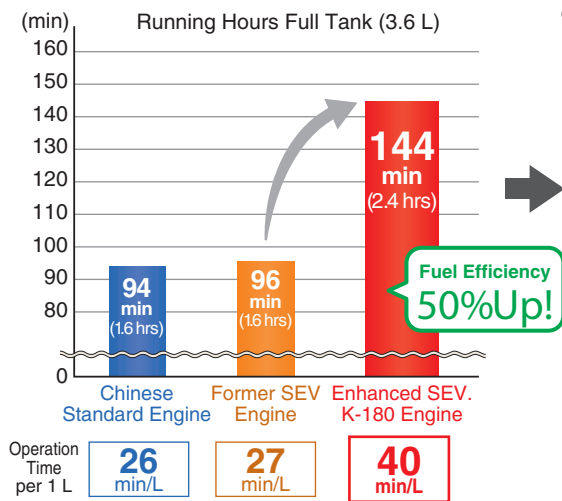
# PORTABLE & POWERFUL

## New! Original KOSHIN Engine High Performance & Economy

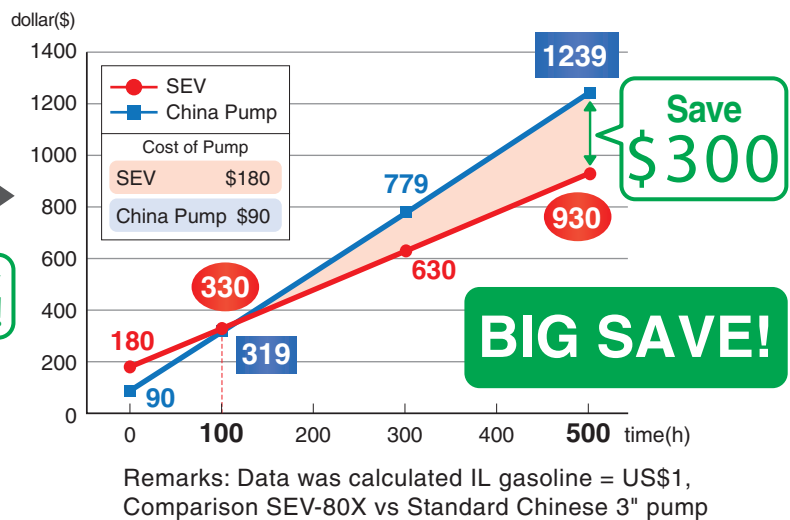
(1) Low fuel consumption. The original Koshin engine achieves the lowest fuel consumption.

### Low Fuel Consumption (SEV-80X case)

#### Comparison of Fuel Consumption



#### Comparison of Running Cost (Pump + Fuel)



### Low Vibration

Comfortable in use after reducing engine vibration.

### (2) Low Vibration

Comfortable in use after reducing engine vibration.

### Guaranteed Performance

Koshin guarantees 8 m suction head and specifications.

### (3) Guaranteed performance

Koshin guarantees 8 m suction head and specifications.

# Competitive Price & Guaranteed Quality Powered by Koshin Engine

## GUARANTEED

- Engine & Pump spare parts service!
- Specification & Quality!
- Sales support!!

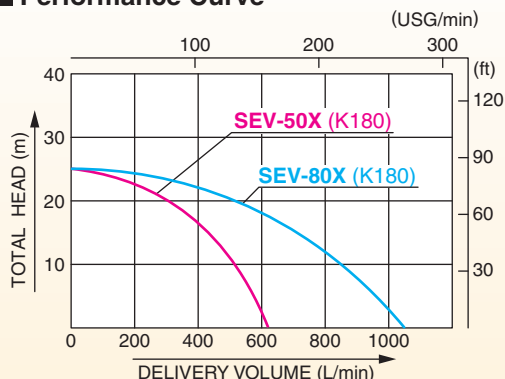


SEV-50X



SEV-80X

### Performance Curve



### Specifications

Model	SEV-50X	SEV-80X	
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	27 m (90 ft)	
	Delivery Volume	620 L/min (163 USG/min)	1050 L/min (277 USG/min)
ENGINE	Max. Suction Head	8 m (26 ft)	
	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin K180	
	Exhaust Volume	179 cc	
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.6 L (0.95 USG)	
	Continuous Operating Time	Approx. 2.6 hrs	Approx. 2.4 hrs
	Starting Method	Recoil Starter	
	Standard Accessories	1 Strainer, 3 Hose Bands, 2 Hose Couplings, 1 Engine Tool Set	
Gross Weight	27.2 kg (59.9 lbs)	30.7 kg (67.6 lbs)	
Dimensions LxWxH (mm)	504 × 401 × 411	543 × 426 × 458	
Packing Unit	1		

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

# Competitive Price & Guaranteed Quality Powered by Koshin Engine

• **SIC**

Silicon Carbide Mechanical Seal 4-5 times more durable than standard carbon ceramic mechanical seal.

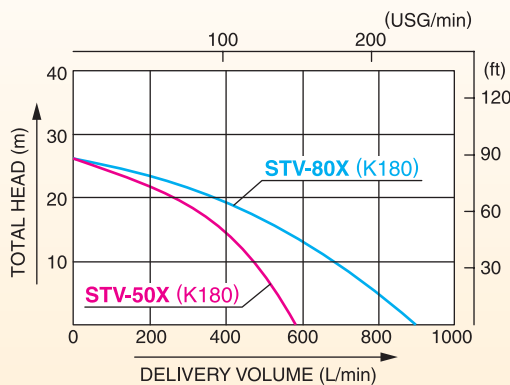
• **FCD**

Spheroidal graphite iron casting for Impeller & Volute Casing 10 times more erosion resistance than standard FC or cast iron.

■ **Outstanding Features**

- Suitable for sandy and muddy water usage
- Particles up to 8 mm can be pumped through
- Guaranteed suction head of 8 meters
- Long bolt assembly for easy maintenance

■ **Performance Curve**



**GUARANTEED**

- Engine & Pump spare parts service!
- Specification & Quality!
- Sales support!!

**Solid Sizes**

Max. 8mm



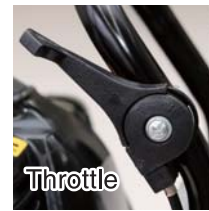
■ **Specifications**

Model		STV-50X	STV-80X
PUMP	Connection Dia	50 mm (2")	80 mm (3")
	Connection Thread	Outer Pipe Thread BSP	
	Total Head	26 m (85 ft)	
	Delivery Volume	580 L/min (153 USG/min)	900 L/min (238 USG/min)
	Max. Suction Head	8 m (26 ft)	
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine	
	Model	Koshin K180	
	Exhaust Volume	179 cc	
	Rated Output	3.1 kW (4.2 PS) / 3600 rpm	
	Fuel	Automotive Unleaded Gasoline	
	Fuel Tank Capacity	3.6 L (0.95 USG)	
	Continuous Operating Time	Approx. 2.6 hrs	Approx. 2.4 hrs
	Starting Method	Recoil Starter	
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set, 1 Spanner		
Gross Weight	31 kg (68.3 lbs)	32.9 kg (72.5 lbs)	
Dimensions LxWxH (mm)	554 x 400 x 471	593 x 425 x 528	
Packing Unit	1		

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

# Competitive Price & Guaranteed Quality Powered by Koshin Engine

- Koshin Original Engine.
- All aluminum die casting pump housing, impeller and volutes for light weight and portability.
- Easy maintenance.
- High Grade carbon/ceramic mechanical seal.



## Economy and Ecology

**"50:1" 2 stroke mixed fuel, friendly to the earth and your wallet!**

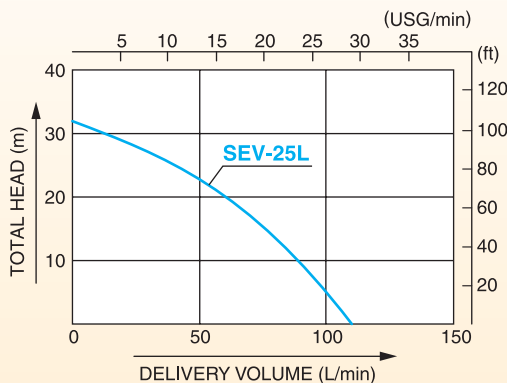
SEV-25L is designed only for "50:1" 2 stroke mixed fuel which is environmentally-friendly in terms of exhaust. Also, you can save a half of engine oil compared with the usual "25:1" 2 stroke mixed fuel.

## GUARANTEED

- Engine & Pump spare parts service!
- Specification & Quality!
- Sales support!!



### Performance Curve



Note: Performance ratings are guaranteed minimum, not inflated maximum.



### Specifications

Model		SEV-25L
PUMP	Connection Dia	25 mm (1")
	Connection Thread	Outer Pipe Thread BSP
	Total Head	32 m (105 ft)
	Delivery Volume	110 L/min (29 USG/min)
	Max. Suction Head	8 m (26 ft)
ENGINE	Type	Forced Air-cooled 2-stroke Gasoline Engine
	Model	Koshin KC26
	Exhaust Volume	26 cc
	Rated Output	0.70 kW (0.93 PS) / 7500 rpm
	Fuel	2 Stroke Mixed Gas and Oil (50:1)
	Fuel Tank Capacity	0.6 L (0.16 USG)
	Continuous Operating Time	Approx. 50 min
	Starting Method	Recoil Starter
Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set	
Gross Weight	7.7 kg (16.9 lbs)	
Dimensions LxWxH (mm)	368 x 273 x 338	
Packing Unit	1	

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

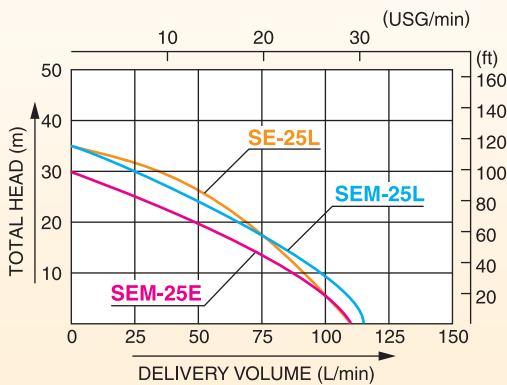
# Light Weight 2 Stroke Engine Pumps



Super Light



## Performance Curve



## Specifications

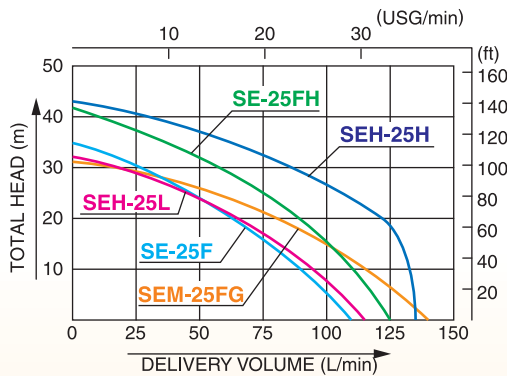
	Model	SE-25L	SEM-25L	SEM-25E
PUMP	Connection Dia	25 mm (1")		
	Connection Thread	Outer Pipe Thread BSP		
	Total Head	35 m (115 ft)	35 m (115 ft)	30 m (98 ft)
	Delivery Volume	110 L/min (29 USG/min)	115 L/min (30 USG/min)	110 L/min (29 USG/min)
	Max. Suction Head	8 m (26 ft)		
ENGINE	Type	Forced Air-cooled 2-stroke Gasoline Engine		
	Model	Subaru EC025GR	Mitsubishi TU26	Mitsubishi TLE20
	Exhaust Volume	24.5 cc	25.6 cc	19.8 cc
	Rated Output	0.55 kW (0.75 PS) / 6000 rpm	—	—
	Max. Output	0.88 kW (1.2 PS) / 7000 rpm	1.03 kW (1.4 PS) / 7500 rpm	0.6 kW (0.8 PS) / 7000 rpm
	Fuel	2 Stroke Mixed Gas and Oil (25:1)		
	Fuel Tank Capacity	0.6 L (0.16 USG)	0.6 L (0.16 USG)	0.45 L (0.12 USG)
	Continuous Operating Time	Approx. 50 min	Approx. 50 min	
	Starting Method	Recoil Starter		
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set		
Gross Weight	6.0 kg (13.2 lbs)	6.5 kg (14.3 lbs)		
Dimensions L×W×H (mm)	300 × 225 × 333	330 × 245 × 325	305 × 265 × 333	
Packing Unit	1			

# Up to 50% Fuel Saving & Noise Reduction\* Double Life Span

\* Fuel consumption and engine noise are half of 2 stroke engine.



## Performance Curve



## Available 25 mm Hose Set

### N-Type Hose Set

- Washing of agriculture & construction machinery



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

### R-Type Hose Set

- Washing of agriculture machinery
- Water sprinkling to the field



- 1 Delivery 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")>



## Specifications

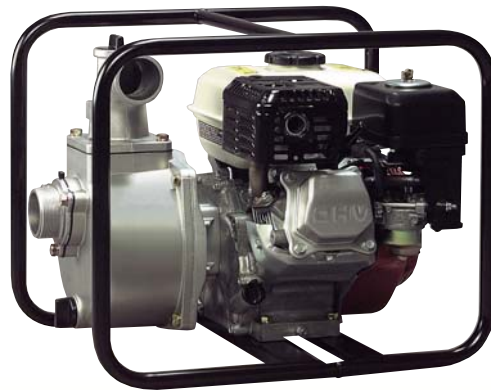
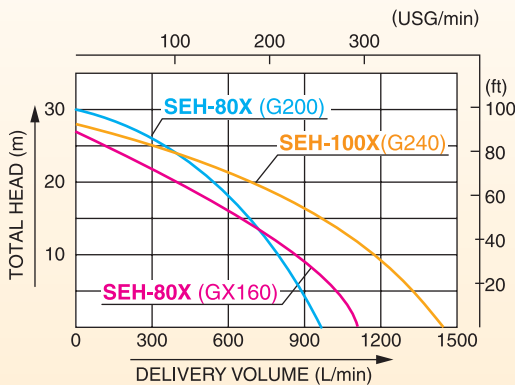
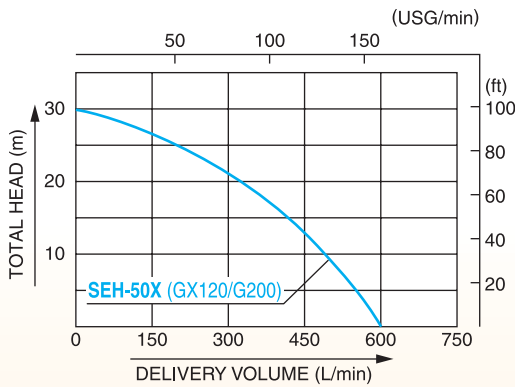
	Model	SEH-25L	SEH-25H	SE-25F	SE-25FH	SEM-25FG	
PUMP	Connection Dia	25 mm (1")					
	Connection Thread	Outer Pipe Thread BSP					
	Total Head	32 m (105 ft)	43 m (141 ft)	35 m (115 ft)	42 m (138 ft)	31 m (102 ft)	
	Delivery Volume	115 L/min (30 USG/min)	135 L/min (36 USG/min)	110 L/min (29 USG/min)	125 L/min (33 USG/min)	140 L/min (37 USG/min)	
	Max. Suction Head	8 m (26 ft)					
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine					
	Model	Honda GX25	Honda GXH50	Subaru EH025	Subaru EH035	Mitsubishi GT241	
	Exhaust Volume	25 cc	49 cc	24.5 cc	33.5 cc	79.6 cc	
	Rated Output	—	—	0.55 kW (0.75 PS) / 7000 rpm	0.81 kW (1.1 PS) / 7000 rpm	1.3 kW (1.8 PS) / 3600 rpm	
	Max. Output	0.81 kW (1.1 PS) / 7000 rpm	1.8 kW (2.5 PS) / 7000 rpm	0.81 kW (1.1 PS) / 7000 rpm	1.18 kW (1.6 PS) / 7000 rpm	1.8 kW (2.4 PS)	
	Fuel	Automotive Unleaded Gasoline					
	Fuel Tank Capacity	0.55 L (0.14 USG)	0.9 L (0.24 USG)	0.5 L (0.13 USG)	0.65 L (0.17 USG)	1.6 L (0.42 USG)	
	Continuous Operating Time	Approx. 1 hrs			Approx. 50 min		Approx. 2 hrs
	Starting Method	Recoil Starter					
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set					
Gross Weight	7 kg (15.4 lbs)	13.5 kg (29.7 lbs)	6.6 kg (14.5 lbs)	9.5 kg (20.9 lbs)	18 kg (39.7 lbs)		
Dimensions LxWxH (mm)	375 x 243 x 320	385 x 311 x 453	358 x 255 x 335	378 x 273 x 350	485 x 325 x 385		
Packing Unit	1						

# Complete Range of Water Pumps Powered by Honda Engine

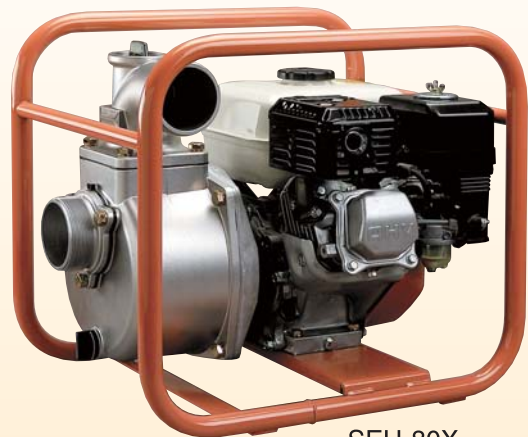
- Highly effective mechanical seal made with special carbon ceramics provides extra durability.
- Entire unit is protected by sturdy rollover pipe frame.
- Strong and lightweight die-cast aluminum pump.



## Performance Curve



SEH-50X



SEH-80X

## Specifications

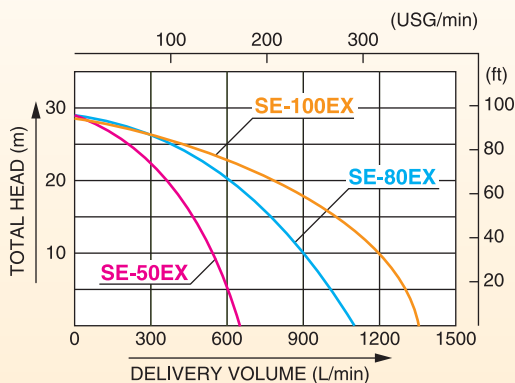
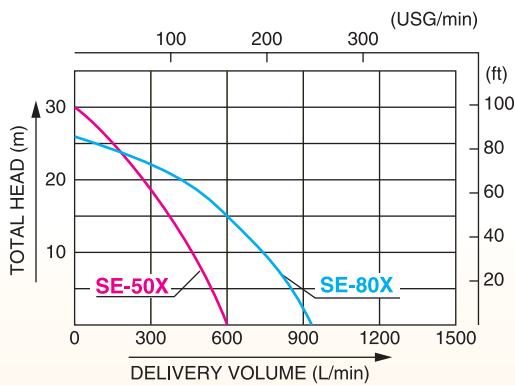
Model		SEH-50X		SEH-80X		SEH-100X	
PUMP	Connection Dia	50 mm (2")		80 mm (3")		100 mm (4")	
	Connection Thread	Outer Pipe Thread BSP					
	Total Head	30 m (98 ft)	27 m (88 ft)	27 m (88 ft)	28 m (92 ft)		
	Delivery Volume	600 L/min (158 USG/min)	640 L/min (169 USG/min)	1100 L/min (290 USG/min)	1450 L/min (383 USG/min)		
	Max. Suction Head	8 m (26 ft)					
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine					
	Model	Honda GX120	Honda GX160	Honda GX160	Honda GX160		Honda GX240
	Exhaust Volume	118 cc	163 cc	163 cc	163 cc		270 cc
	Rated Output	2.1 kW (2.9 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm	2.9 kW (3.9 PS) / 3600 rpm		4.6 kW (6.2 PS) / 3600 rpm
	Max. Output	2.6 kW (3.5 PS) / 3600 rpm	3.6 kW (4.9 PS) / 4000 rpm	3.6 kW (4.9 PS) / 3600 rpm	3.6 kW (4.9 PS) / 3600 rpm		5.9 kW (9.8 PS) / 3600 rpm
	Fuel	Automotive Unleaded Gasoline					
	Fuel Tank Capacity	2.0 L (0.53 USG)	3.1 L (0.8 USG)	3.1 L (0.82 USG)	3.1 L (0.82 USG)		5.3 L (1.4 USG)
	Continuous Operating Time	Approx. 2 hrs	Approx. 2 hrs	Approx. 2 hrs	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					
Gross Weight	22 kg (48.5 lbs)	27 kg (59.5 lbs)	30 kg (66.1 lbs)	30 kg (66.1 lbs)		59 kg (130 lbs)	
Dimensions LxWxH (mm)	483 × 375 × 376	527 × 429 × 535	525 × 389 × 458	525 × 389 × 458		670 × 477 × 669	
Packing Unit	1						

## Strong & Durable Subaru Engine

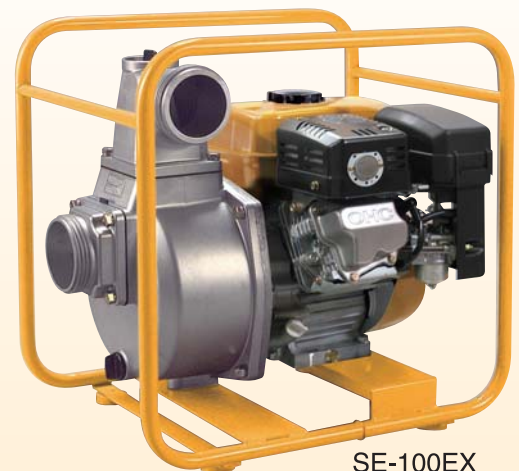
- Highly effective mechanical seal made with special carbon ceramics provides extra durability.
- Entire unit is protected by sturdy rollover pipe frame.
- Strong and lightweight die-cast aluminum pump.



### Performance Curve



SE-80EX



SE-100EX

### Specifications

	Model	SE-50X	SE-80X	SE-50EX	SE-80EX	SE-100EX
PUMP	Connection Dia	50 mm (2")	80 mm (3")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP				
	Total Head	30 m (98 ft)	26 m (85 ft)	28 m (92 ft)	28 m (92 ft)	27 m (89 ft)
	Delivery Volume	600 L/min (158 USG/min)	930 L/min (246 USG/min)	650 L/min (172 USG/min)	1100 L/min (290 USG/min)	1350 L/min (356 USG/min)
	Max. Suction Head	8 m (26 ft)				
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine				
	Model	Subaru EY15-3D	Subaru EY20-3D	Subaru EX16	Subaru EX17	Subaru EX27
	Exhaust Volume	143 cc	183 cc	169 cc	169 cc	265 cc
	Rated Output	2.0 kW (2.7 PS) / 3600 rpm	2.6 kW (3.5 PS) / 3600 rpm	2.2 kW (3.0 PS) / 3600 rpm	2.9 kW (4.0 PS) / 3600 rpm	5.1 kW (7.0 PS) / 3600 rpm
	Max. Output	2.6 kW (3.5 PS) / 4000 rpm	3.7 kW (5.0 PS) / 4000 rpm	3.2 kW (4.3 PS) / 4000 rpm	4.2 kW (5.7 PS) / 4000 rpm	6.6 kW (9.0 PS) / 4000 rpm
	Fuel	Automotive Unleaded Gasoline				
	Fuel Tank Capacity	2.8 L (0.74 USG)	3.8 L (1.00 USG)	3.2 L (0.84 USG)	3.2 L (0.84 USG)	5.6 L (1.48 USG)
	Continuous Operating Time	Approx. 2.8 hrs	Approx. 3 hrs	Approx. 2.5 hrs		Approx. 2.1 hrs
	Starting Method	Recoil Starter				
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight	23 kg (50.7 lbs)	35 kg (77.1 lbs)	27 kg (59.5 lbs)	33 kg (72.7 lbs)	57 kg (125 lbs)	
Dimensions LxWxH (mm)	484 × 330 × 420	525 × 370 × 472	504 × 401 × 411	530 × 405 × 465	670 × 477 × 669	
Packing Unit	1					



## Powered by Durable Mitsubishi 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.

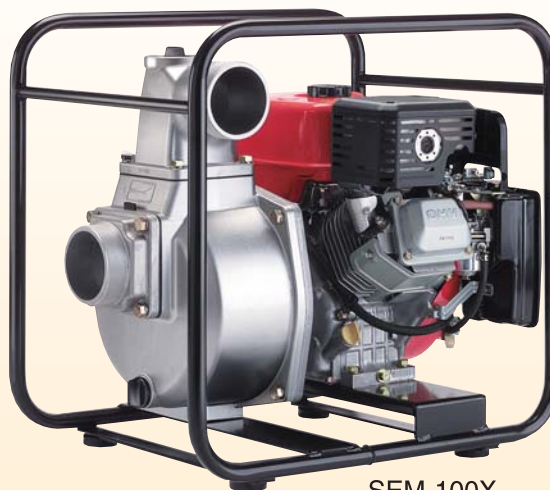
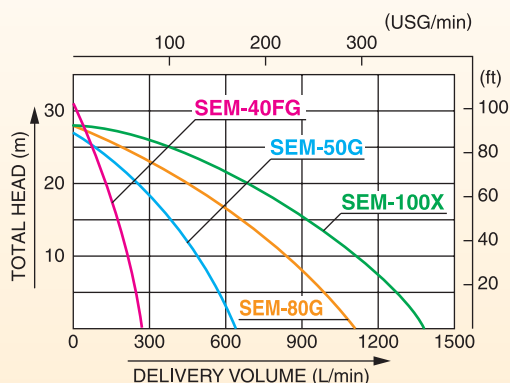


SEM-40FG



SEM-80G

### Performance Curve



SEM-100X

### Specifications

Model		SEM-40FG	SEM-50G	SEM-80G	SEM-100X
PUMP	Connection Dia	40 mm (1½")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP			
	Total Head	31 m (102 ft)	27 m (88 ft)	28 m (92 ft)	28 m (92 ft)
	Delivery Volume	270 L/min (71 USG/min)	640 L/min (169 USG/min)	1100 L/min (290 USG/min)	1380 L/min (364 USG/min)
	Max. Suction Head	8 m (26 ft)			
ENGINE	Type	Forced Air-cooled 4-stroke Gasoline Engine			
	Model	Mitsubishi GT241	Mitsubishi GT400	Mitsubishi GT600	Mitsubishi GM231PN
	Exhaust Volume	79.6 cc	126 cc	181 cc	215 cc
	Rated Output	1.3 kW (1.8 PS) / 3600 rpm	2.1 kW (2.8 PS) / 3600 rpm	3.3 kW (4.5 PS) / 3600 rpm	3.6 kW (5.0 PS) / 3600 rpm
	Max. Output	1.8 kW (2.4 PS)	2.9 kW (4.0 PS)	4.4 kW (6.0 PS)	5.1 kW (7.0 PS)
	Fuel	Automotive Unleaded Gasoline			
	Fuel Tank Capacity	1.6 L (0.42 USG)	2.5 L (0.66 USG)	3.8 L (1.00 USG)	4.5 L (1.19 USG)
	Continuous Operating Time	Approx. 2 hrs		Approx. 3 hrs	
	Starting Method	Recoil Starter			
	Standard Accessories	1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tools Set			
Gross Weight	21 kg (46.3 lbs)	26 kg (57.3 lbs)	33 kg (72.7 lbs)	53 kg (116.8 lbs)	
Dimensions LxWxH (mm)	450 x 330 x 397	500 x 395 x 415	525 x 420 x 488	670 x 477 x 669	
Packing Unit	1				

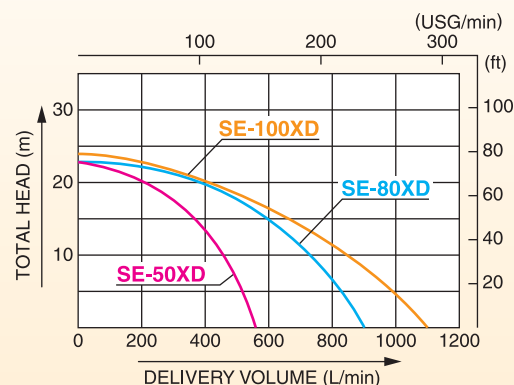
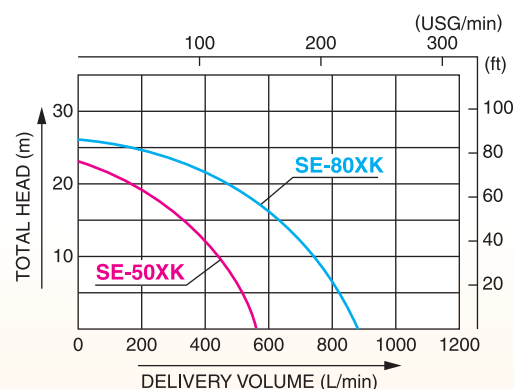
# Kerosene Engine Pumps



# Diesel Engine Pumps



## Performance Curve



## Specifications

Model		SE-50XK	SE-80XK	SE-50XD	SE-80XD	SE-100XD
PUMP	Connection Dia	50 mm (2")	80 mm (3")	50 mm (2")	80 mm (3")	100 mm (4")
	Connection Thread	Outer Pipe Thread BSP				
	Total Head	23 m (75 ft)	26 m (85 ft)	23 m (75 ft)		24 m (79 ft)
	Delivery Volume	560 L/min (148 USG/min)	880 L/min (232 USG/min)	560 L/min (148 USG/min)	900 L/min (238 USG/min)	1100 L/min (290 USG/min)
Max. Suction Head		8 m (26 ft)				
ENGINE	Type	Air-cooled 4-cycle Kerosene Engine			Air-cooled 4-cycle Diesel Engine	
	Model	Subaru EY15-3DK	Subaru EY20-3DK	Subaru DY23-2D		Subaru DY27-2D
	Exhaust Volume	143 cc	183 cc	230 cc		265 cc
	Rated Output	1.6 kW (2.2 PS) / 3600 rpm	2.3 kW (3.1 PS) / 3600 rpm	3.1 kW (4.2 PS) / 3600 rpm		3.7 kW (5.0 PS) / 3600 rpm
	Max. Output	2.4 kW (3.3 PS) / 4000 rpm	3.2 kW (4.3 PS) / 4000 rpm	3.5 kW (4.8 PS) / 3600 rpm		4.4 kW (6.0 PS) / 3600 rpm
	Fuel	Kerosene (Automotive unleaded gasoline (starting))			Diesel Light Oil	
	Fuel Tank Capacity	Kerosene: 2.6 L (0.68 USG) Gasoline: 0.13 L (0.03 USG)	Kerosene: 3.4 L (0.90 USG) Gasoline: 0.17 L (0.04 USG)	3.2 L (0.84 USG)		
	Continuous Operating Time	Approx. 2.5 hrs			Approx. 3.5 hrs	Approx. 3 hrs
Starting Method		Recoil Starter				
Standard Accessories		1 Strainer, 2 Hose Couplings, 3 Hose Bands, 1 Engine Tool Set				
Gross Weight		25 kg (55.1 lbs)	34 kg (74.9 lbs)	47 kg (103 lbs)	50 kg (110 lbs)	64 kg (141 lbs)
Dimensions LxWxH (mm)		479 × 352 × 420	529 × 419 × 477	573 × 413 × 500	573 × 413 × 500	664 × 445 × 698
Packing Unit		1				