



KOSHIN

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Design and specifications are subject to change without notice.

CENTRIFUGAL PUMPS

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SHIN

POWERED by **HONDA** CENTRIFUGAL PUMPS

Outstanding Features

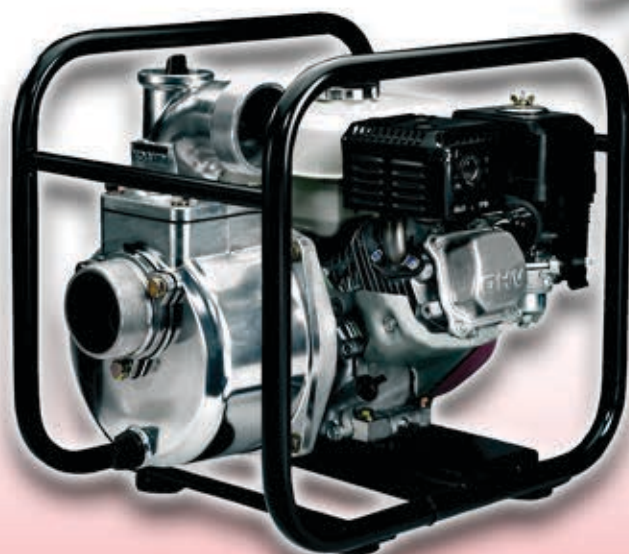
- Impellers and Volutes are Constructed of Cast Iron for Durability, and Long Operating Life (Engine Pumps Larger than 1" NPT)
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Strong Transport Protection Powder Coated Steel Roll Cages (Engine Pumps 2" or Larger)
- Honda Engines with Low Oil Shut Off (Engine Pumps 2" or Larger)
- Self Priming up to 26', and a Maximum Head up to 141'
- Two Year Limited Warranty On Pump Ends



SEH-50X

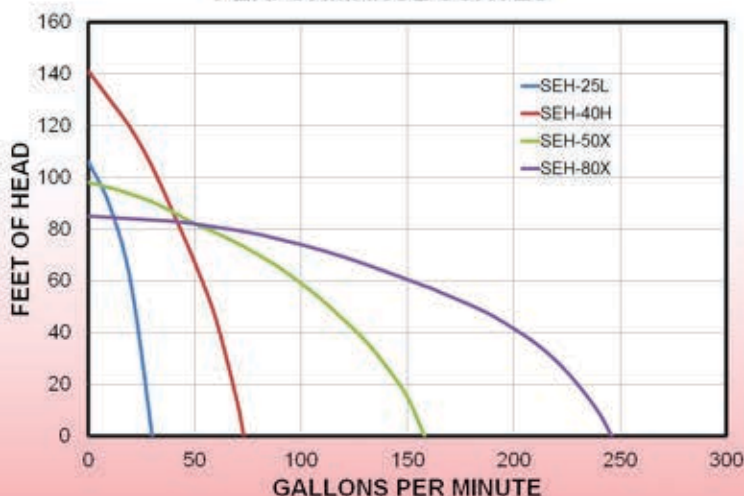


SEH-25L



SEH-80X

PERFORMANCE CURVES



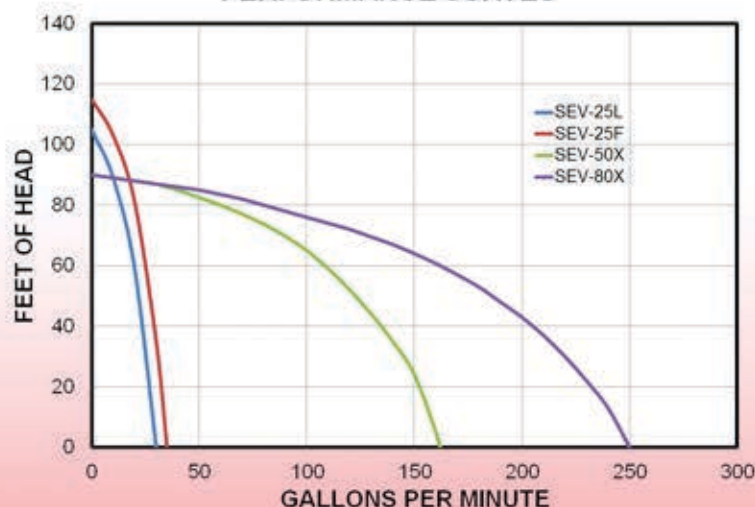
	SEH-25L	SEH-40H	SEH-50X	SEH-80X
Suction, Discharge Size	1" NPT	1½" NPT	2" NPT	3" NPT
Maximum Output (GPM)	30	73	158	246
Maximum Discharge Head (ft)	106	141	98	85
Maximum Suction Lift (ft)	26	26	26	26
Maximum Pressure (Psi)	45.9	61	42.4	36.8
Engine Model	GX25	GX50H	GX120	GX160
Engine Displacement (cc)	25	49.4	118	163
Engine Horse Power	1	2.1	3.5	4.8
Fuel Tank Capacity (Gal)	0.15	0.20	0.66	0.82
Full Load Run Time (hrs)	1.2	0.83	2.5	2.5
Fuel Type	Unleaded Automotive Gasoline			
Packaged Weight (Lbs)	16	26	55	70
Packaged Dimensions (LxWxH)	15"x10"x13"	16"x13"x18"	18"x14"x15"	20"x15"x18"



SEH-40H


SEV-50X

PERFORMANCE CURVES



Outstanding Features

- Impellers and Volutes are Constructed of Cast Iron for Durability, and Long Operating Life (Engine Pumps Larger than 1" NPT)
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Strong Transport Protection Powder Coated Steel Roll Cages (Engine Pumps 2" or Larger)
- Reliable **KOSHIN** Engines with Low Oil Shut Off (Engine Pumps 2" or Larger)
- Self Priming up to 26', and a Maximum Head up to 105'
- Two Year Limited Warranty Engines and Pumps

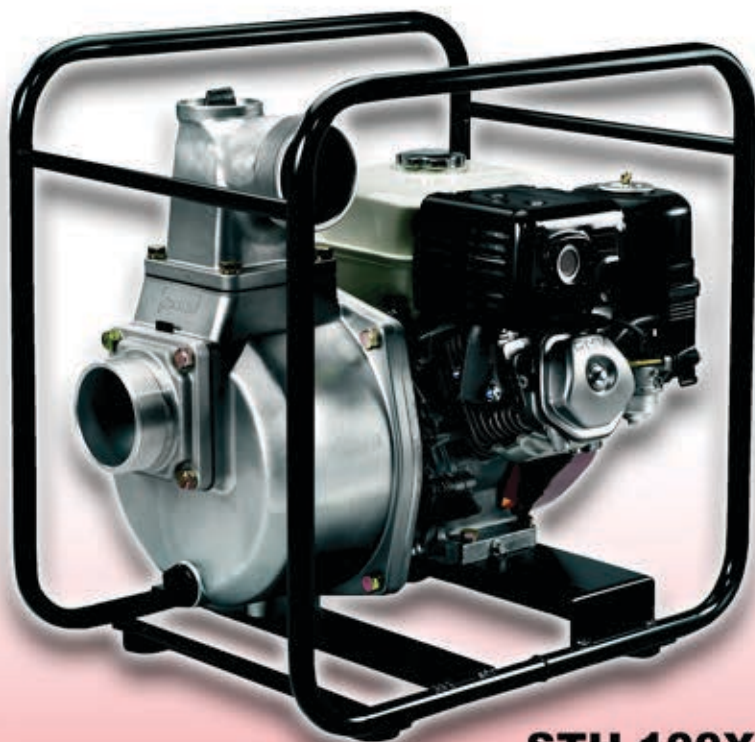
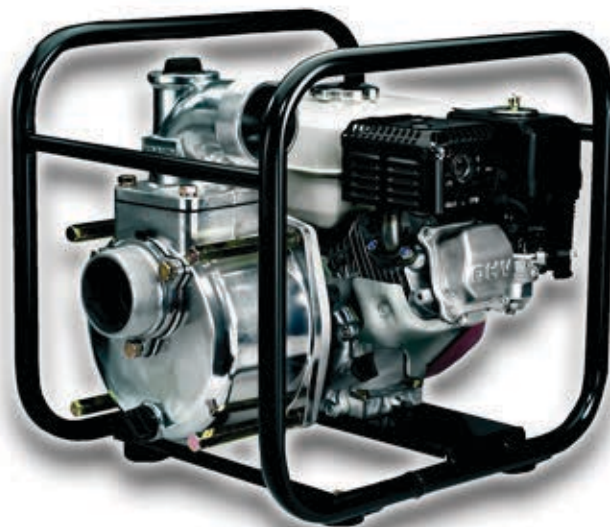
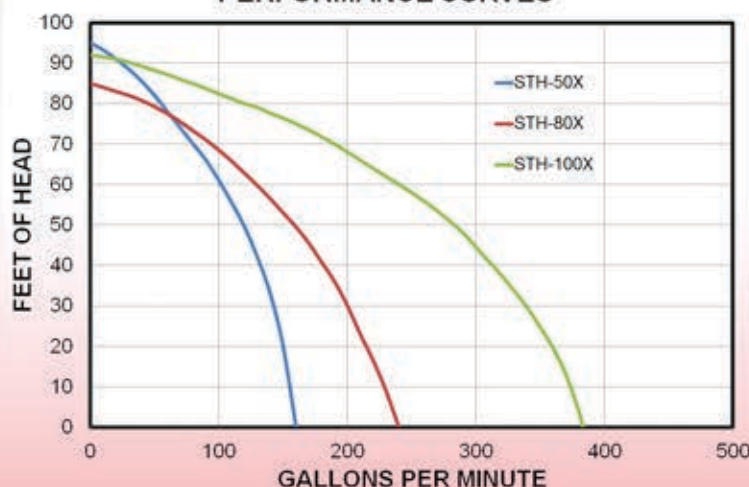

SEV-80X

SEV-25F
SEV-25L

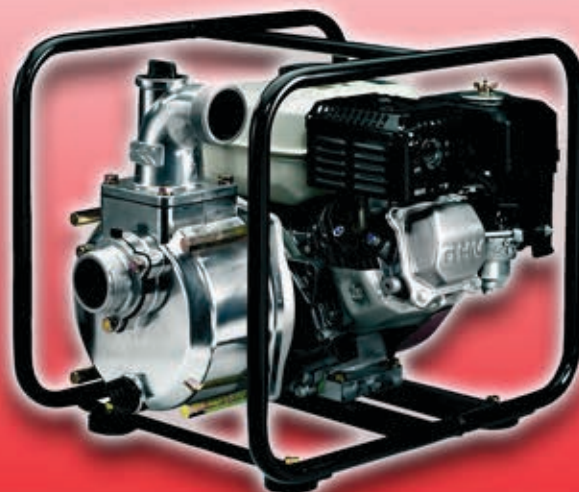
	SEV-25L	SEV-25F	SEV-50X	SEV-80X
Suction, Discharge Size	1" NPT	1" NPT	2" NPT	3" NPT
Maximum Output (GPM)	29	35	163	246
Maximum Discharge Head (ft)	105	115	90	90
Maximum Suction Lift (ft)	26	26	26	26
Maximum Pressure (Psi)	46	50	39	39
Engine Model	KC26	K35	K180	K180
Engine Displacement (cc)	26	35	179	179
Engine Horse Power	0.93	1.1	4.7	4.7
Fuel Tank Capacity (Gal)	0.12	0.19	0.95	0.95
Full Load Run Time (hrs)	0.83	1	2	2
Fuel Type	2 Cycle 50:1	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	16	22	56	70
Packaged Dimensions (LxWxH)	15"x10"x13"	16"x11"x15"	20"x17"x19"	21"x17"x19"

Outstanding Features

- Silicon Carbide Mechanical Seals for Increased Abrasive Resistance, Longer Life, and Less Maintenance
- Impellers and Volutes are Constructed of Spheroidal Graphite Ductile Cast Iron for Increased Durability, and Long Operating Life
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Strong Transport Protection Powder Coated Steel Roll Cages
- Honda Engines with Low Oil Shut Off
- Two Year Limited Warranty on Pump Ends

**STH-100X****STH-80X****PERFORMANCE CURVES**

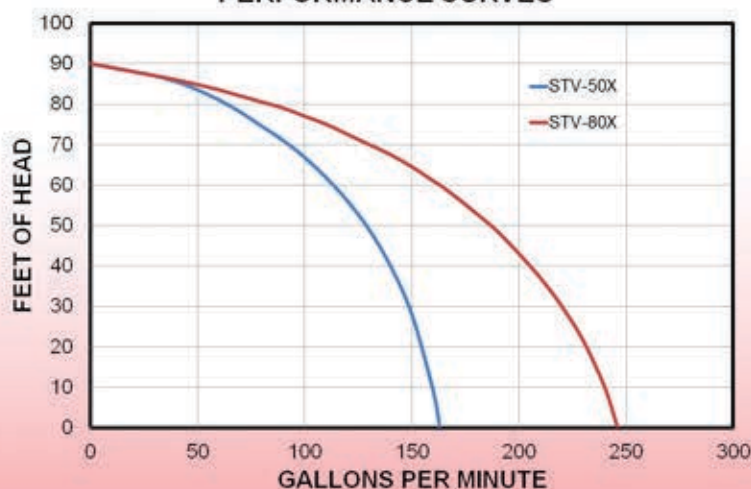
	STH-50X	STH-80X	STH-100X
Suction, Discharge Size	2" NPT	3" NPT	4" NPT
Maximum Output (GPM)	158	238	383
Maximum Discharge Head (ft)	95	85	92
Maximum Suction Lift (ft)	26	26	26
Maximum Pressure (Psi)	41.1	36.8	39.8
Engine Model	GX120	GX160	GX240
Engine Displacement (cc)	118	163	242
Engine Horse Power	3.5	4.8	7.9
Fuel Tank Capacity (Gal)	0.66	0.82	1.39
Full Load Run Time (hrs)	2.5	2.5	2.5
Fuel Type	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	56	76	132
Packaged Dimensions (LxWxH)	18"x14"x15"	20"x15"x18"	26"x20"x26"

**STH-50X**



STV-50X

PERFORMANCE CURVES



Outstanding Features

- Silicon Carbide Mechanical Seals for Increased Abrasive Resistance, Longer Life, and Less Maintenance
- Impellers and Volutes are Constructed of Spheroidal Graphite Ductile Cast Iron for Increased Durability, and Long Operating Life
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Strong Transport Protection Powder Coated Steel Roll Cages
- Reliable **KOSHIN** Engines with Low Oil Shut Off Two Year Limited Warranty, Engines and Pumps



STV-80X



**Optional
Wheel Kit
Available**

	STV-50X	STV-80X
Suction, Discharge Size	2" NPT	3" NPT
Maximum Output (GPM)	163	246
Maximum Discharge Head (ft)	90	90
Maximum Suction Lift (ft)	26	26
Maximum Pressure (Psi)	39	39
Engine Model	K180	K180
Engine Displacement (cc)	179	179
Engine Horse Power	4.7	4.7
Fuel Tank Capacity (Gal)	0.95	0.95
Full Load Run Time (hrs)	2	2
Fuel Type	Automotive Gasoline	
Packaged Weight (Lbs)	66	78
Packaged Dimensions (LxWxH)	20"x17"x19"	21"x17"x19"

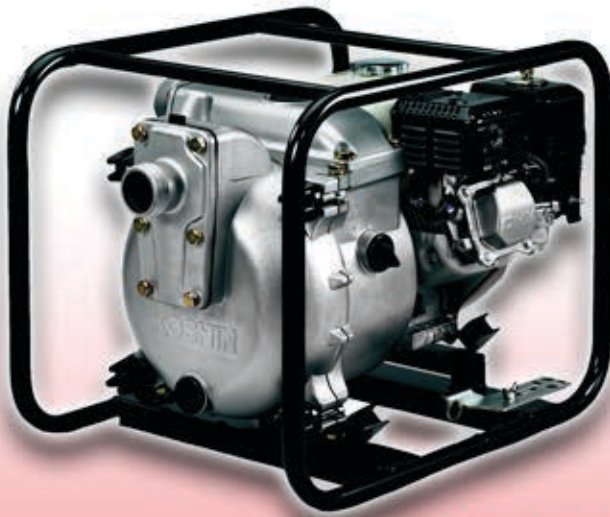
POWERED by **HONDA**™ **TRASH PUMPS**

Outstanding Features

- Silicon Carbide Mechanical Seals for Increased Abrasive Resistance, Longer Life, and Less Maintenance
- Impellers Blended with Hi-Chrome Cast Iron, for Extreme Durability and Erosion Resistance
- Front Covers are Removable Without Disassembly of Hoses. Easy and Quick Access, for Cleaning out Debris, or Pump Repair
- Volute are Constructed of Spheroidal Graphite Ductile Iron, Eliminating the Need for a Wear Plate, Increasing Durability, and Longer Operating Life
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Strong Transport Protection Powder Coated Steel Roll Cages
- Honda Engines with Low Oil Shut Off
- Two Year Limited Warranty on Pump Ends

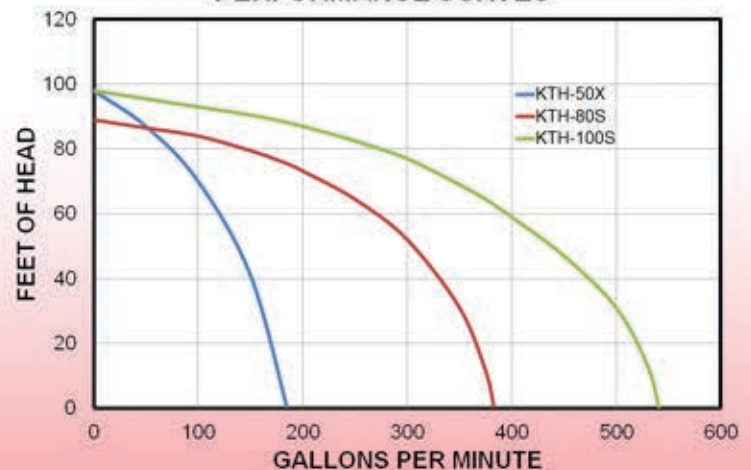


KTH-80S



KTH-50X

PERFORMANCE CURVES



	KTH-50X	KTH-80S	KTH-100S
Suction, Discharge Size	2" NPT	3" NPT	4" NPT
Maximum Output (GPM)	185	383	541
Maximum Discharge Head (ft)	98	89	98
Maximum Suction Lift (ft)	26	26	26
Maximum Pressure (Psi)	42.4	38.5	42.4
Engine Model	GX160	GX270	GX390
Engine Displacement (cc)	163	270	389
Engine Horse Power	4.8	8.5	11.7
Fuel Tank Capacity (Gal)	0.82	1.39	1.60
Full Load Run Time (hrs)	2	2	1.5
Fuel Type	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	111	161	201
Packaged Dimensions (LxWxH)	24"x18"x19"	28"x23"x24"	30"x24"x25"



**Optional
Wheel Kit
Available**

POWERED by
HONDA TRASH PUMPS



Additional Features KTH-S

- NEW Hex Boss Molded Into the Impeller for Easier Removal
- More Convenient Design for Easier Repairs and Less Down Time
- Front Cover can be Removed Without Removing Hoses
- Front Cover Handles can be placed Vertically or Horizontally.
- Newly Designed Cover Knobs can be Removed with a Standard Screw Driver
- Lifting Eye Added for Easier Job Transportation and Placement.
- Larger Honda Engines with Low Oil Shut Off.
- Increased Flow Rates and Un-Parralleled Performance.
- Solids Handling up to Half the Suction Diameter

KTH-100S

Maximum Solids Handling



KTH-50X

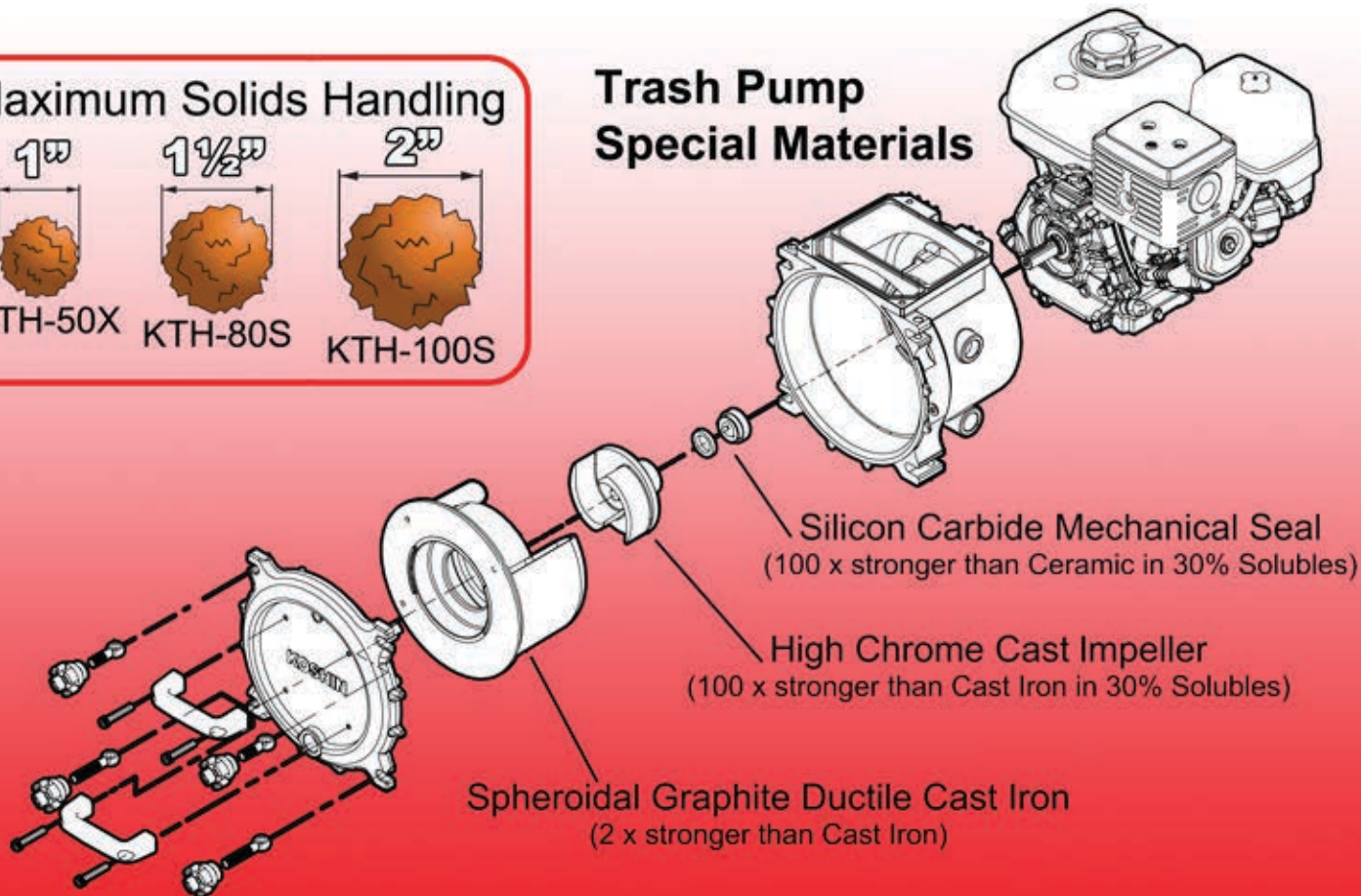


KTH-80S



KTH-100S

**Trash Pump
Special Materials**



SUBMERSIBLE PUMPS

Outstanding Features

- Oil Bathed Double Mechanical Seals
Allows for Periods of Dry Run
- Lightweight, Compact, and Easy to Carry.
- Thermal Protected Motors
- Non-Toxic DTE 24 Light Paraffin Oil
- PKS, Trash Submersible handles up to 5/8" Solids
- PX, PXL, Discharge Flanges Can be mounted Horizontally or Vertically
- PX, PXL, Internals are Rubber Composite Providing Maximum Erosion Resistance
Three Times more Resistant than Cast Iron
- PXL, Complete Drainage, Pumps Down to 1/8"
- Completely Rebuildable
- Single Piece Molded Power Cords
Ensures a Water Tight Seal
- Optional Float Switches Available for All Models
- One Year Limited Warranty



PX-65011



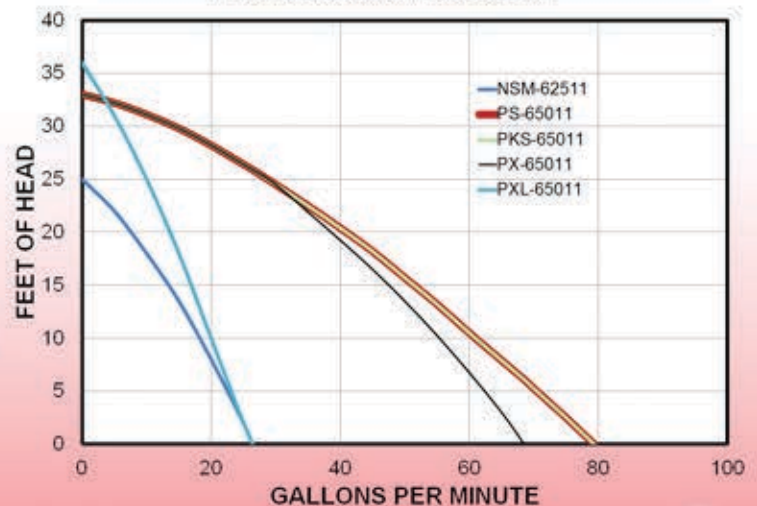
PXL-65011



PS-65011

PKS-65011

PERFORMANCE CURVES



NSM-62511

	NSM-62511	PS-65011	PKS-65011	PX-65011	PXL-65011
Discharge Size	¾"-1" NPT	2" NPT	2" NPT	2" NPT	¾"-2" NPT
Maximum Output (GPH)	1584	4760	4760	4110	1500
Max Discharge Head (ft)	25	33	33	33	36
Voltage	110	110	110	110	110
Rated Current (Amp)	2.2	7	7	6.4	6.4
Motor Output (Hp)	1/8	1/2	1/2	1/2	1/2
Cable Length (ft)	15	20	20	20	20
Packaged Weight (Lbs)	8	29	36	25	26
Min Diameter Hole (in)	6¾"	9¾"	9¾"	7¾"	7¾"
Pack Dimensions (LxWxH)	7"x7"x11"	10"x10"x15"	10"x10"x17"	8"x8"x13"	8"x8"x13"

SUBMERSIBLE PUMPS

Outstanding Features

- Oil Bathed Double Mechanical Seals, Allows for Periods of Dry Run
- Lightweight, Compact, and Easy to Carry.
- Non-Toxic DTE 24 Light Paraffin Oil
- Fits into Small Diameter Holes
- Thermal Protected Motors
- Completely Rebuildable Pumps
- Single Piece Molded Power Cords, Ensures a Water Tight Seal
- Optional Float Switches Available for All Models
(PB-68011 must be wired for 220v to utilize FS-30 Float Switch)
- One Year Limited Warranty

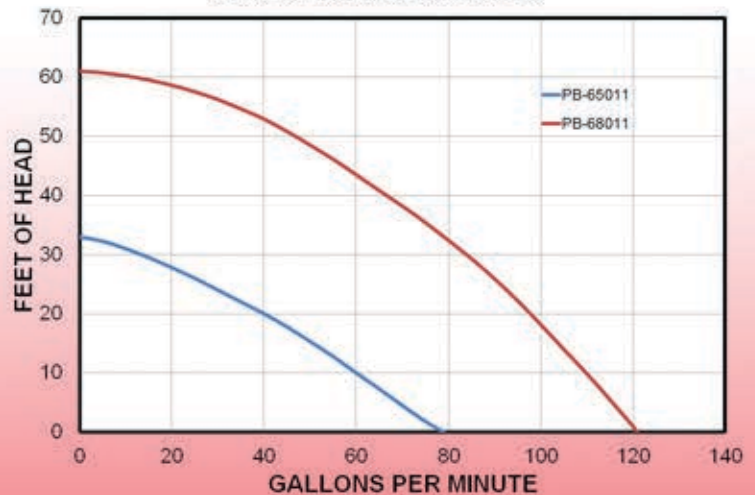


PB-65011



PB-68011

PERFORMANCE CURVES

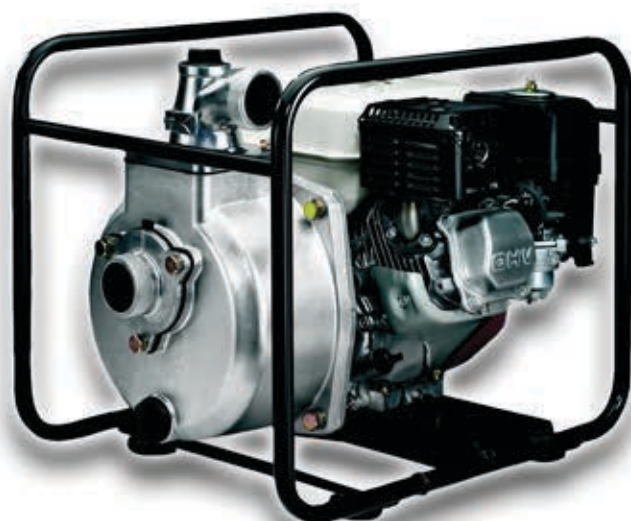


	PB-65011	PB-68011
Discharge Size	2" NPT	3" NPT
Maximum Output (GPH)	4760	7286
Max Discharge Head (ft)	33	61
Voltage	110	110 / 220
Rated Current (Amp)	7.2	30 / 15
Motor Output (Hp)	1/2	2
Cable Length (ft)	20	40
Packaged Weight (Lbs)	36	60
Minimum Diameter Hole (in)	7¾"	9½"
Pack Dimensions (LxWxH)	8"x8"x17	10"x10"x25"

POWERED by **HONDA**™ **HIGH PRESSURE PUMPS**

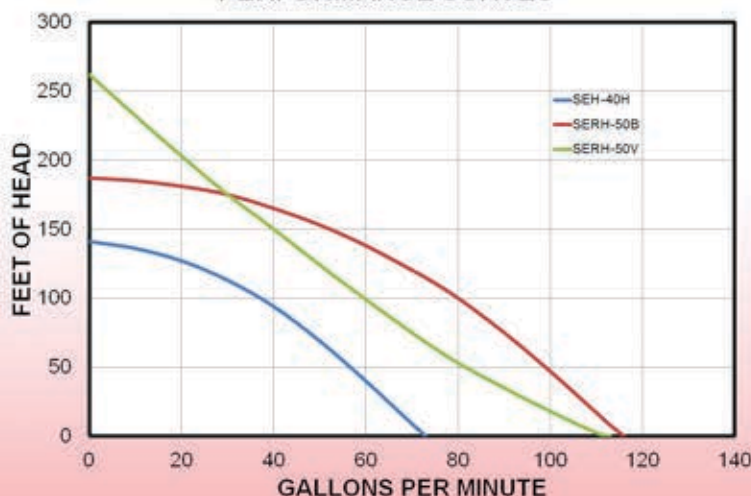
Outstanding Features

- Pressures that can exceed 3x over Centrifugal Pumps
- Impellers and Volutes are Constructed of Cast Iron for Durability, and Long Operating Life
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Self Priming up to 26', and a Maximum Head up to 187'
- Designed for Sprinkler Systems, Fire Fighting, Agricultural, Greater Heights, and Longer Distances
- Honda Engines with Low Oil Shut Off (Engine Pumps 2" or Larger)
- Two Year Limited Warranty



SERH-50B

PERFORMANCE CURVES



SERH-50V

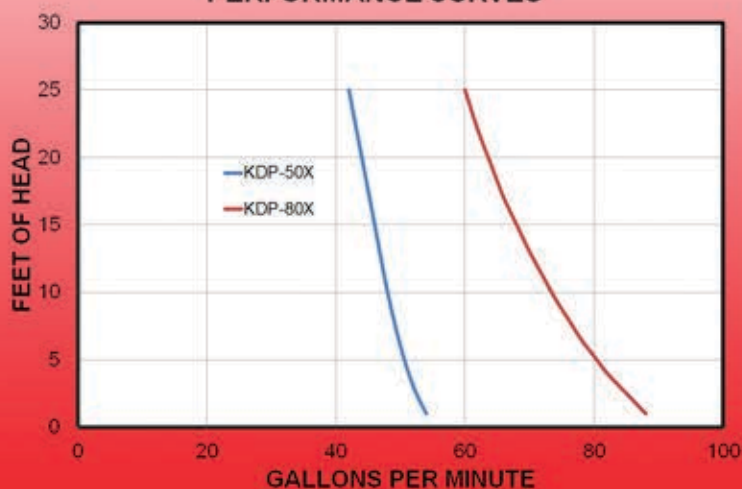
	SEH-40H	SERH-50B	SERH-50V
Suction, Discharge Size	1½" NPT	2" NPT	1", 2" NPT
Maximum Output (GPM)	73	116	113
Maximum Discharge Head (ft)	141	187	262
Maximum Suction Lift (ft)	26	26	26
Maximum Pressure (Psi)	61	81	113
Engine Model	GXH50	GX160	GX160H
Engine Displacement (cc)	49.4	163	163
Engine Horse Power	2.7	4.8	5.3
Fuel Tank Capacity (Gal)	0.20	0.82	0.82
Full Load Run Time (hrs)	0.83	2	2
Fuel Type	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	26	75	82
Packaged Dimensions (LxWxH)	16"x13"x18"	20"x15"x17"	22"x18"x19"



SEH-40H

Outstanding Features

- Built to Run Dry. Perfect for Areas of Low Seepage
- Positive Displacement Pressure for Thicker than Water Viscosities
- Straight Line Flow Design is Self-Cleaning and Reduces Clogging
- Thermal Plastic Rubber Diaphragm and Polyurethane Flapper Valves
- Oil Filled Gear Reduction for Quiet Operation and Less Vibration
- External Pump Parts are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Honda GX120 Engines with Low Oil Shut Off
- Maximum Head of 25'
- Wheel Kit is Standard
- Two Year Limited Warranty

**KDP-50X****KDP-80X****PERFORMANCE CURVES**

	KDP-50X	KDP-80X
Suction, Discharge Size	2" NPT	3" NPT
Maximum Output (GPM)	52	88
Maximum Discharge Head (ft)	25	25
Maximum Suction Lift (ft)	26	26
Engine Model	GX120	GX120
Engine Displacement (cc)	118	118
Engine Horse Power	3.5	3.5
Fuel Tank Capacity (Gal)	0.66	0.66
Full Load Run Time (hrs)	2.5	2.5
Fuel Type	Automotive Gasoline	
Packaged Weight (Lbs)	168	172
Packaged Dimensions (LxWxH)	33"x31"x31"	33"x31"x31"

TRAILER MOUNTED TRASH PUMPS

Outstanding Features

- Silicon Carbide Mechanical Seals
- Stainless Steel Impellers
- Solids Handling up to 3" in Diameter
- Easy to Remove Clean Out Cover
- Unique Pump End One Man Slide Mechanism
Allows Pump Service without Removing Hoses
- Engines with Electric Start and Low Oil Shut Off
- Maximum Liquid Temperature of 180°F
- Tools Included for Pump Service
- D.O.T. Approved Trailer Standard
(See your State and Local Codes for Registration)

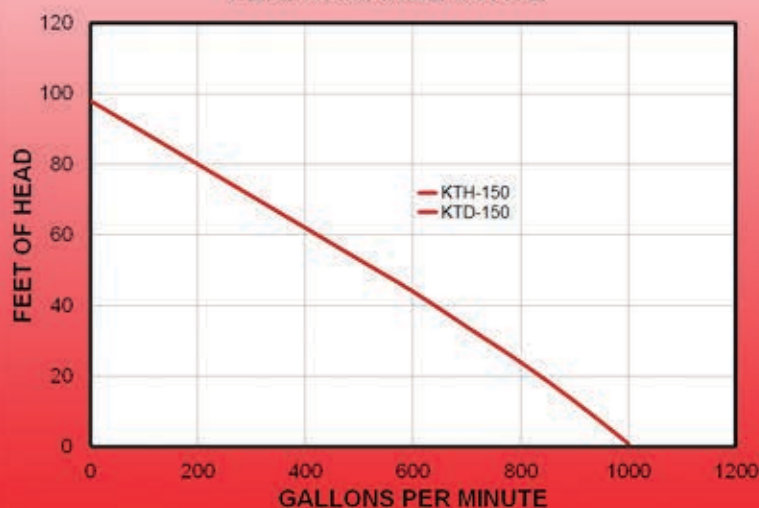


KTH-150

KTD-150

	KTH-150	KTD-150
Suction, Discharge Size	6" NPT	6" NPT
Maximum Output (GPM)	1000	1000
Maximum Discharge Head (ft)	98	98
Maximum Suction Lift (ft)	26	26
Maximum Pressure (Psi)	40	40
Engine Model	HONDA GX670	YANMAR 3TNM72
Engine Displacement (cc)	670	904
Engine Horse Power	23	23
Fuel Tank Capacity (Gal)	20	20
Full Load Run Time (hrs)	9	12
Fuel Type	Gasoline	Diesel
Packaged Weight (Lbs)	1000	1250
Packaged Dimensions (LxWxH)	77"x55"x65"	77"x55"x65"

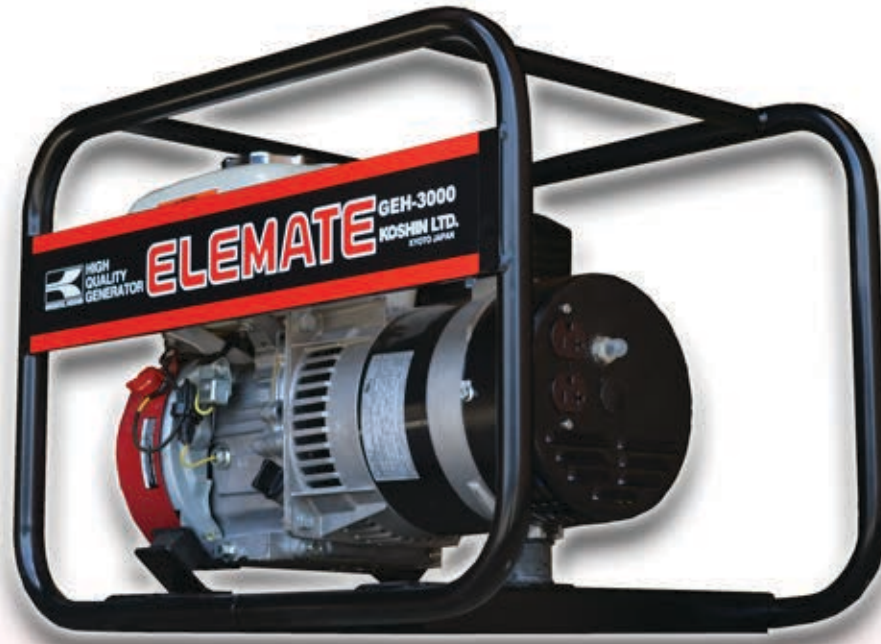
PERFORMANCE CURVE



POWERED by
HONDA GENERATOR

Outstanding Features

- Strong Transport Protection Powder Coated Steel Roll Cages
- 75 dba, Low Tone Exhaust
- Mecc Alte Brushless 100% Copper Alternators
- Less than 5% Harmonic Distortion
- UL, CSA, OSHA, EPA, and CARB Compliant
- Three Year Limited Warranty

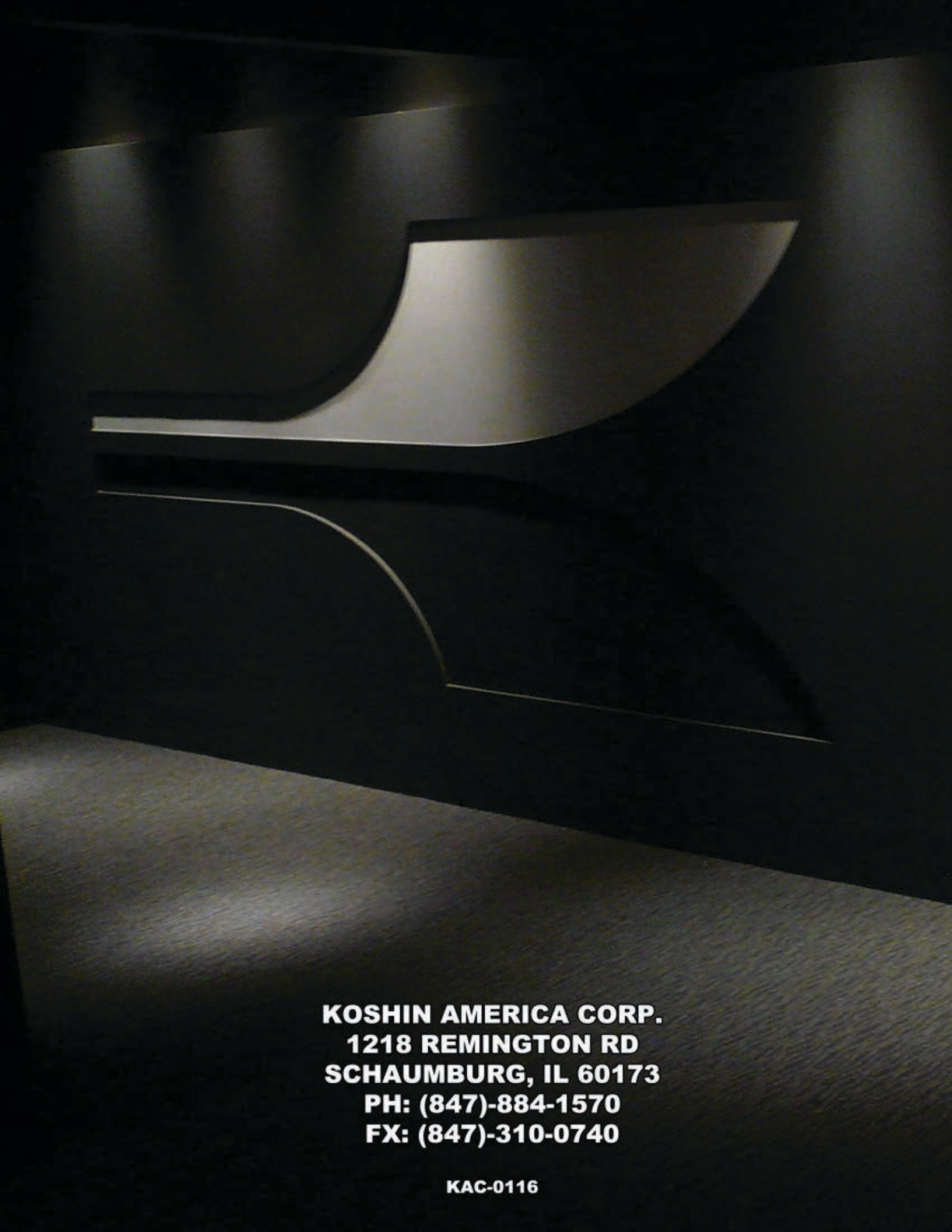


GEH-3000X



**Optional
Wheel Kit
Available**

	GEH-3000X
Rated Continuous (watts)	2600
Rated Max Surge (watts)	3000
Voltage	120
Amperage	25
Engine Model	GX160
Engine Displacement (cc)	163
Engine Horse Power	4.8
Starting Method	Recoil
Fuel Tank Capacity	0.82
Full Load Run Time (hrs)	2.5
Wheel Kit	Optional WK-12
Weight	66
Receptacles (NEMA)	1 x 5-20R
Packaged Dimensions (LxWxH)	23"x17"x18"



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