

KOSHIN

The World's Toughest Pumps

WWW.KOSHINAMERICA.COM

Vol. 40

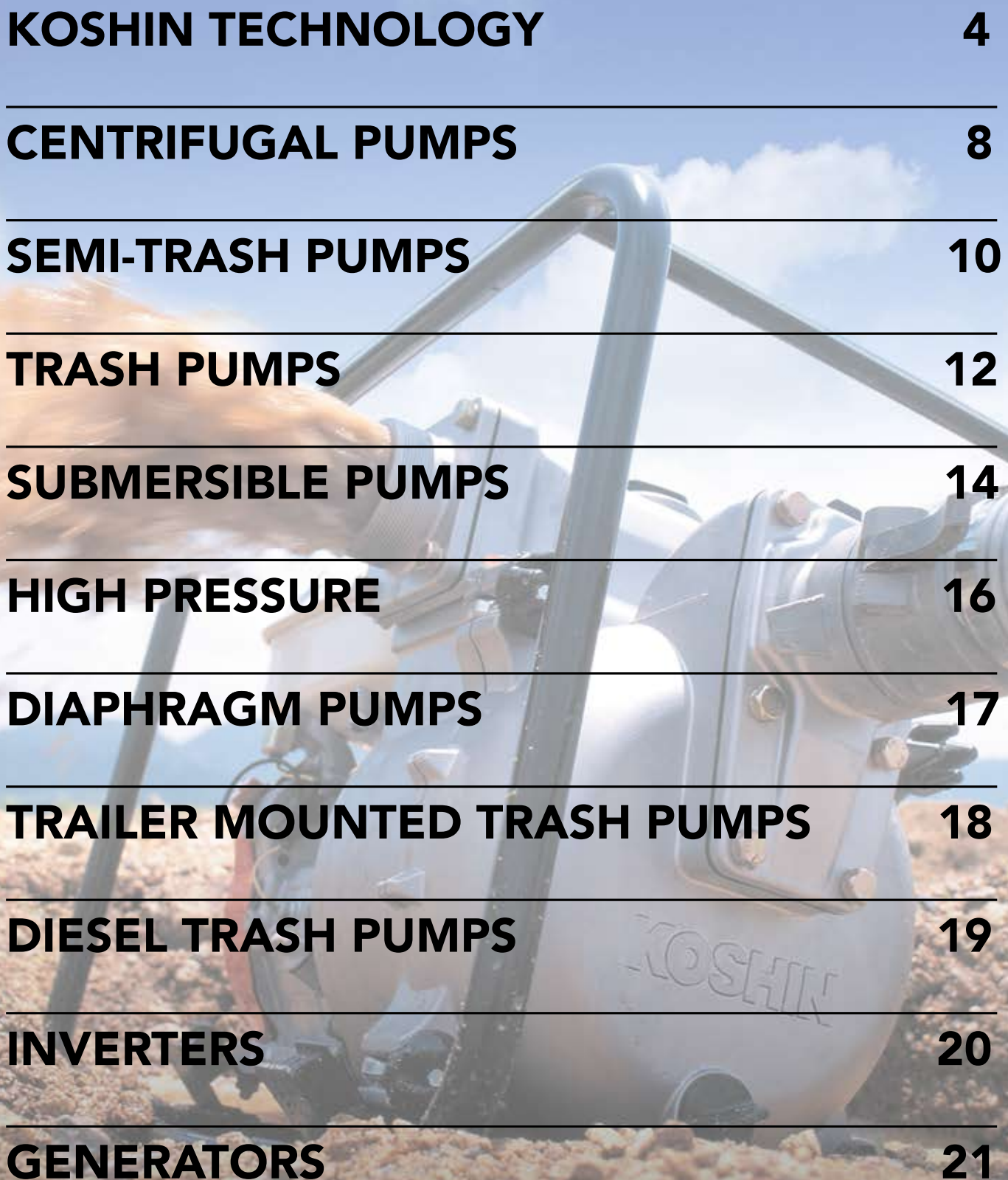


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KOSHIN TECHNOLOGY	4
CENTRIFUGAL PUMPS	8
SEMI-TRASH PUMPS	10
TRASH PUMPS	12
SUBMERSIBLE PUMPS	14
HIGH PRESSURE	16
DIAPHRAGM PUMPS	17
TRAILER MOUNTED TRASH PUMPS	18
DIESEL TRASH PUMPS	19
INVERTERS	20
GENERATORS	21

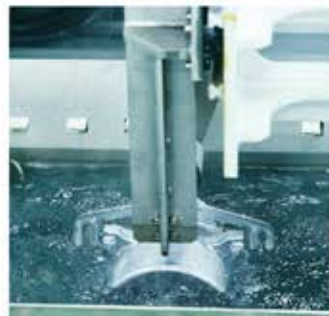
Specifications and features subject to change without notice.



1250t Die Casting Machine

The third factory, which started operation in 2022, has newly installed a 1250t die-casting machine. As a result, we are now able to manufacture large parts in-house, which previously had to be procured over seas. It has become possible to improve quality, cost, and delivery time. The Kyoto factory in Japan will continue to evolve in the future.

KOSHIN began implementing automation in 2008. Automating everything from molding to processing, A total of 34 robots are in operation: 4 for painting, 2 for palletizing, 11 for welding, 16 for die casting, and 1 for processing. With new automation, it has allowed productivity to increase by 150%. In the future, we aim to make them completely unmanned.





The main factory drives "Manufacturing" with "Made in Japan", "Made in Kyoto" quality.

We pursue productivity through creativity and ingenuity to meet customer expectations.

Up until now, we have carried out various factory reforms keeping in mind that "everything is for the customer."

In 2022, we started operating the third factory at our Kyoto factory, further revitalizing "Made in Japan" manufacturing.

We are evolving our factories with the aim of promoting automation, achieving lower costs, and improving quality, and aim to operate our factories to meet customer expectations.



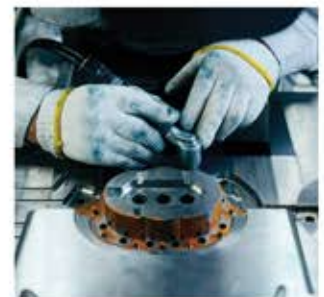
Mold Factory

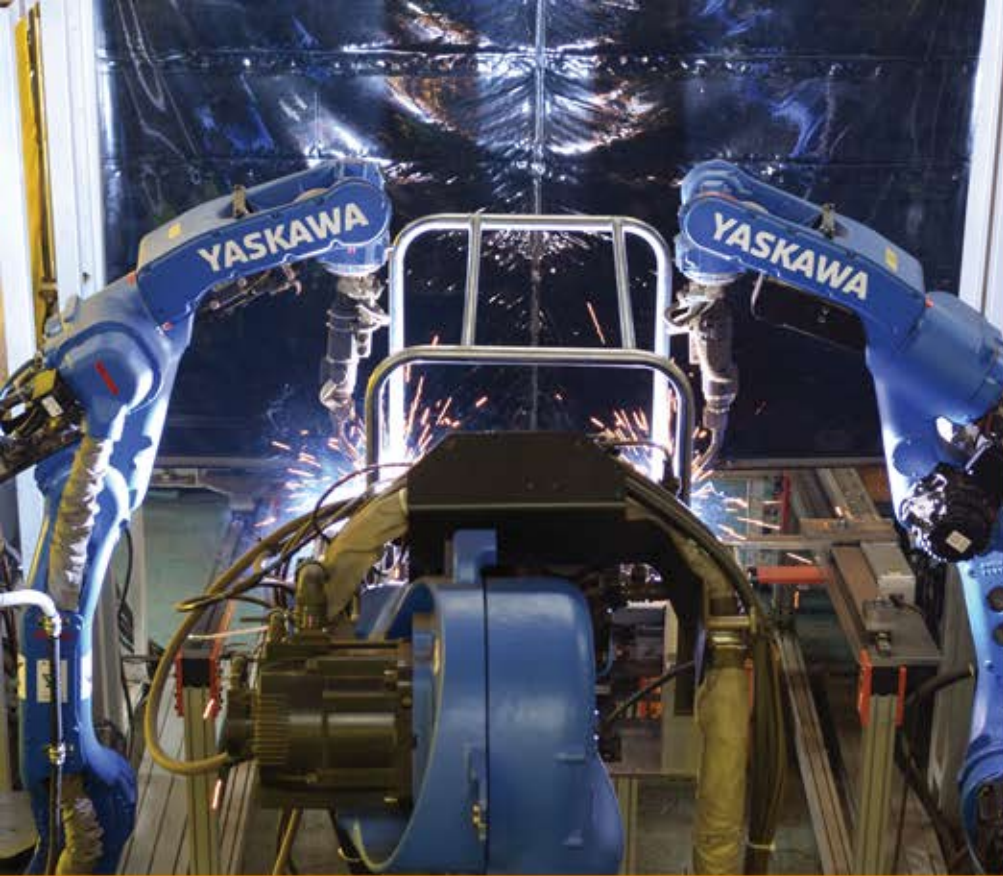
In 2000, we began producing die-casting molds in-house with the aim of speeding up new product development, improving and repairing existing products, and reducing costs.

We have also introduced 3D CAD and are doing everything in-house from design.

We began in-house production of plastic molding in 2022.

We will take on the challenge of further speeding up.





Welding

Welding robot system provides fast, high quality and stable production. Pipe welding is now performed by a robot system.

This process used to be done by hand, requiring experience and skill, but now robots offer stable quality regardless of production amount.

The system cuts processing time and costs, allowing KOSHIN to offer higher quality and stable production at great prices.



Assembly

In order to realize an automatic assembly line, we have built an assembly facility in-house.

Our in-house production engineering department handles everything from equipment design to manufacturing, and we are able to create an automatic assembly line that is the best match for our own production.



Aiming to be a factory that can deliver the highest quality at the fastest speed.



Plastic molding

In order to produce in-house parts that had previously been procured, and to increase production speed and reduce costs, we introduced the plastic molding machinery with good operability.

This is the first plastic molding in KOSHIN, but we will also take on the challenge of new technologies.

We will strengthen manufacturing that meets customer expectations with high quality, low prices, and short delivery times.



Traceability System

KOSHIN products are carefully manufactured one by one, and performance inspections are carried out on all units.

In order to improve quality, the results of all performance inspections are collected as data and shared with the production team. We have built a system that allows us to deliver 100% quality to our customers.



CENTRIFUGAL PUMPS

GREAT FOR IRRIGATION, AGRICULTURE, POOLS AND GENERAL CLEAR WATER TRANSFER

SEH-25L



1" Discharge
4 Stroke
30 GPM Max
1.0 Horse Power

SEH-40H



1½" Discharge
4 Stroke
73 GPM Max
2.1 Horse Power

SEH-50X



2" Discharge
169 GPM Max
3.2 Horse Power

SEH-80X

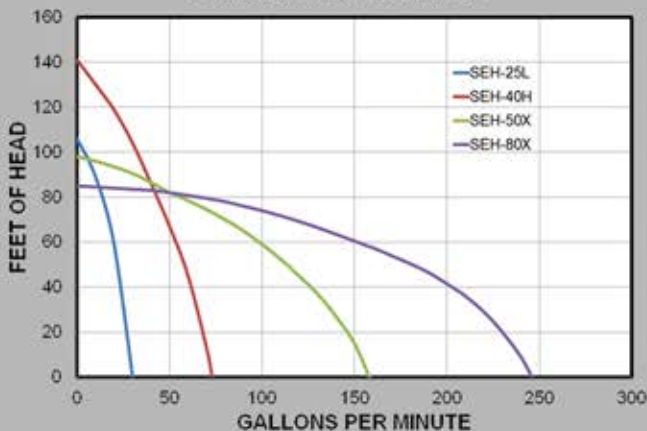


3" Discharge
290 GPM Max
4.8 Horse Power

Outstanding Features

- Impellers and Volute 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
- Rugged 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' of Suction Lift and a Maximum Head up to 141'
- Three Year Limited Warranty On Pump Ends

PERFORMANCE CURVES



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CENTRIFUGAL PUMPS

GREAT FOR IRRIGATION, AGRICULTURE, POOLS AND GENERAL CLEAR WATER TRANSFER

SEV-50X



**2" Discharge
163 GPM Max
4.7 Horse Power**

SEV-80X

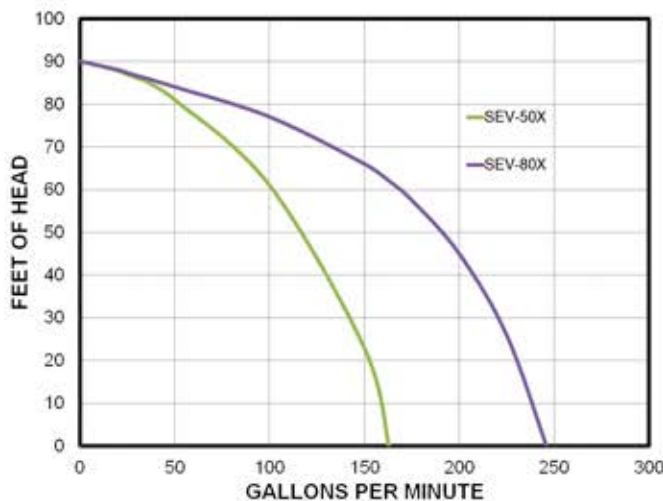


**3" Discharge
277 GPM Max
4.7 HP**

Outstanding Features

- Impellers and Volute 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
- Rugged Powder Coated Steel Roll Cages
- Reliable Koshin Engines with Low Oil Shut Off
- Self-Priming up to 26' of Suction Lift,
- Maximum Head up to 90'
- Three Year Limited Warranty on Engines and Pumps

PERFORMANCE CURVES



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KOSHIN**

	SEH-25L	SEH-40H	SEH-50X	SEH-80X	SEV-50X	SEV-80X
Suction, Discharge Size	1" NPT	1½" NPT	2" NPT	3" NPT	2" NPT	3" NPT
Maximum Output (GPM)	30	73	169	290	163	277
Maximum Discharge Head (ft)	105	141	88	88	88	88
Maximum Suction Lift (ft)	26	26	26	26	26	26
Maximum Pressure (Psi)	45.4	61.1	38.3	38.3	38.3	38.3
Engine Model	GX25	GXH50H	GX120	GX160	K180	K180
Engine Displacement (cc)	25	49.4	122	163	179	179
Engine Horse Power	1	2.1	3.2	4.8	4.7	4.7
Fuel Tank Capacity (Gal)	0.15	0.20	0.52	0.81	0.95	0.95
Full Load Run Time (hrs)	1.0	2.0	2.0	2.0	2.6	2.4
Fuel Type	Unleaded Gasoline					
Packaged Weight (Lbs)	15.4	29.7	55.1	72.8	55.6	69.7
Packaged Dimensions (LxWxH)	14.8"x9.6"x12.6"	15.9"x11.9"x19.6"	19"x14.8"x16.1"	20.7"x15.3"x19.6"	19.8"x15.9"x16.4"	21.4"x16.8"x18.6"

SEMI-TRASH PUMPS

PERFECT FOR DEBRIS IN THE WATER STREAM - MUDDY / SANDY / PEBBLES / DEBRIS

STH-50X



2" Discharge
158 GPM Max
3.2 Horse Power

STH-80X



3" Discharge
238 GPM Max
4.8 Horse Power

STH-100X

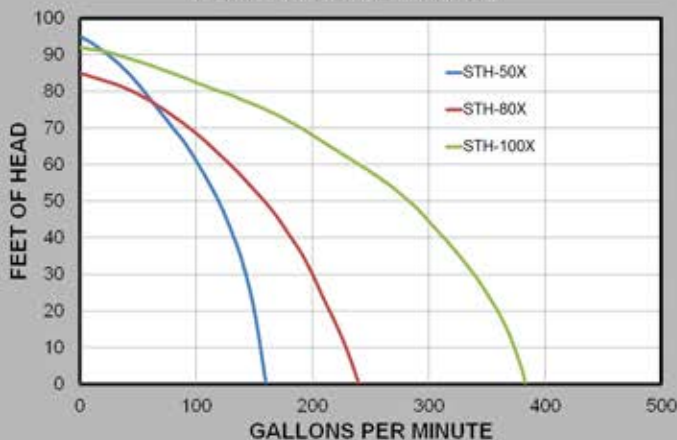


4" Discharge
383 GPM Max
7.9 Horse Power

Outstanding Features

- Great for Irrigation, Construction, Industrial and General Water Transfer
- Silicon Carbide Mechanical Seals for Increased Abrasive Resistance, Longer Life, and Less Maintenance
- Impellers and Volute are Constructed of Spheroidal Graphite Ductile Cast Iron for Durability, and Long Life
- Pump Housings are Made of Die Cast Aluminum for Strength, Weight Reduction, and Portability
- Rugged Powder Coated Roll Cages
- Honda Engines with Low Oil Shut Off
- Three Year Limited Warranty on Pump Ends

PERFORMANCE CURVES



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SEMI-TRASH PUMPS

PERFECT FOR DEBRIS IN THE WATER STREAM - MUDDY / SANDY / PEBBLES / DEBRIS

STV-50X



2" Discharge
153 GPM Max
4.7 Horse Power

STV-80X

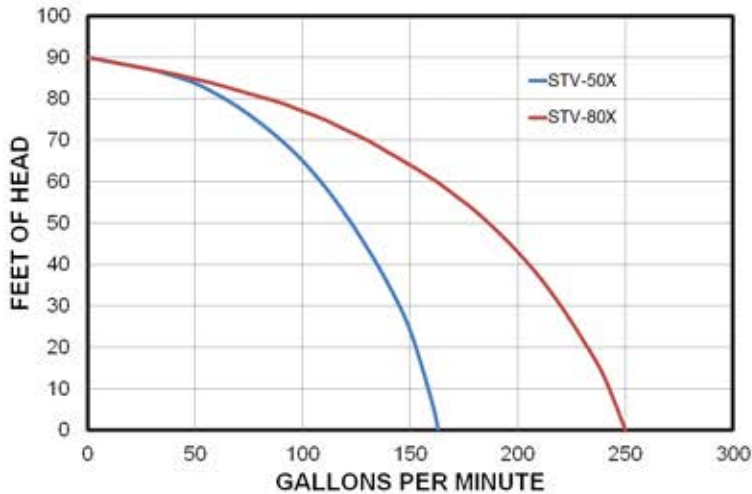


3" Discharge
237 GPM Max
4.7 Horse Power



Optional
Wheel Kit
Available
for all
gas pumps

PERFORMANCE CURVES



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OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	STH-50X	STH-80X	STH-100X	STV-50X	STV-80X
Suction, Discharge Size	2" NPT	3" NPT	4" NPT	2" NPT	3" NPT
Maximum Output (GPM)	158	238	383	153	237
Maximum Discharge Head (ft)	95	85	92	85	85
Maximum Suction Lift (ft)	26	26	26	26	26
Maximum Pressure (Psi)	41.2	36.9	39.7	36.9	36.9
Engine Model	GX120	GX160	GX240	K180	K180
Engine Displacement (cc)	122	163	270	179	179
Engine Horse Power	3.2	4.8	7.9	4.7	4.7
Fuel Tank Capacity (Gal)	0.53	0.82	1.4	0.95	0.95
Full Load Run Time (hrs)	2.0	2.0	2.5	2.0	1.6
Fuel Type	Unleaded Gasoline				
Packaged Weight (Lbs)	55.1	77.2	132.3	66.1	70.5
Packaged Dimensions (LxWxH)	19.7"x15.6"x16.3"	20.7"x15.3"x18.6"	26.8"x19.3"x26.6"	21.8"x15.7"x18.5"	23.3"x16.8"x20.6"

TRASH PUMPS

GREAT FOR TOUGH DEBRIS CONDITIONS, INDUSTRIAL, CONSTRUCTION, AGRICULTURE, LANDSCAPE AND GENERAL WATER REMOVAL CONTAINING UP TO 30% SUSPENDED SOLIDS

KTH-50X



**2" Discharge
185 GPM Max
4.8 Horse Power**

KTH-80S



**3" Discharge
383 GPM Max
8.4 Horse Power**

KTH-100S



**4" Discharge
542 GPM Max
11.7 Horse Power**

Outstanding Features

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

OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	KTH-50X	KTH-80S	KTH-100S
Suction, Discharge Size	2" NPT	3" NPT	4" NPT
Maximum Output (GPM)	185	383	542
Maximum Discharge Head (ft)	98	89	98
Maximum Suction Lift (ft)	26	26	26
Maximum Pressure (Psi)	42.6	38.3	42.6
Engine Model	GX160	GX270	GX390
Engine Displacement (cc)	163	270	389
Engine Horse Power	4.8	8.4	11.7
Fuel Tank Capacity (Gal)	0.82	1.4	1.61
Full Load Run Time (hrs)	2.2	2.0	2.0
Fuel Type	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	110.2	156.5	190.7
Packaged Dimensions (LxWxH)	25.4"x19.2"x20"	28.7"x20.9"x23.6"	30.9"x22.6"x24.8"

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TRASH PUMPS

KTZ-50X



**2" Discharge
179 GPM Max
4.7 Horse Power**

KTZ-80S



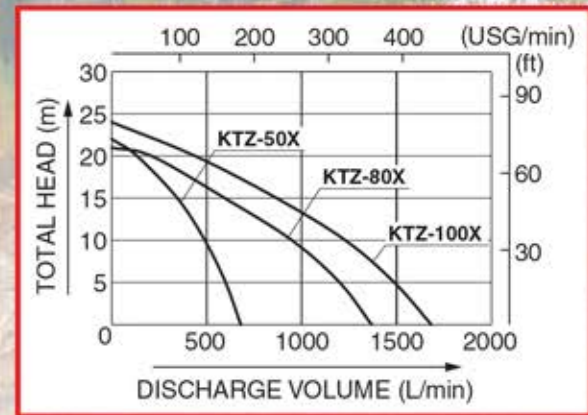
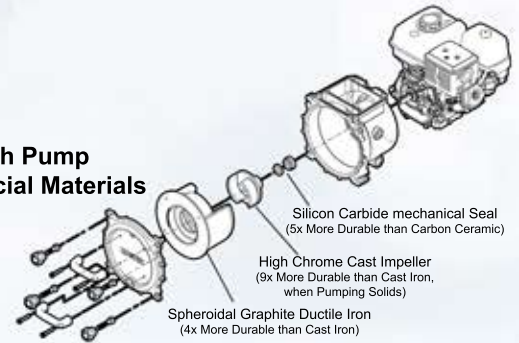
**3" Discharge
375 GPM Max
8.0 Horse Power**

KTZ-100S



**4" Discharge
523 GPM Max
11.5 Horse Power**

Trash Pump Special Materials



OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	KTZ-50X	KTZ-80S	KTZ-100S
Suction, Discharge Size	2" NPT	3" NPT	4" NPT
Maximum Output (GPM)	179	375	523
Maximum Discharge Head (ft)	72	72	82
Maximum Suction Lift (ft)	26	26	26
Maximum Pressure (Psi)	31.2	31.2	35.5
Engine Model	K180	K300	K420
Engine Displacement (cc)	179	301	420
Engine Horse Power	4.7	8.0	11.5
Fuel Tank Capacity (Gal)	0.95	1.5	1.5
Full Load Run Time (hrs)	2	2	1.5
Fuel Type	Unleaded Automotive Gasoline		
Packaged Weight (Lbs)	118.8	158.1	199.9
Packaged Dimensions (LxWxH)	27.7"x22.8"x21.3"	28.7"x23.1"x23.7"	31.5"x24.4"x24.6"

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KOSHIN**

SUBMERSIBLE PUMPS

GREAT FOR CONSTRUCTION, AGRICULTURE, POOLS, FOUNTAINS
AND GENERAL DEWATERING

NSM



1" Discharge
27 GPM Max
1/8 HP
25' Head
3/4" Adapter

PX



2" Discharge
69 GPM Max
1/2 HP
33' Head
Two way outlet
Rubber Guts

PXL



3/4" and 2"
25 GPM Max
1/2 HP
36' Head
Two way outlet
Rubber Guts
Anti-Backflow
Bottom Sucker

PS



2" Discharge
80 GPM Max
1/2 HP
33' Head

PKS

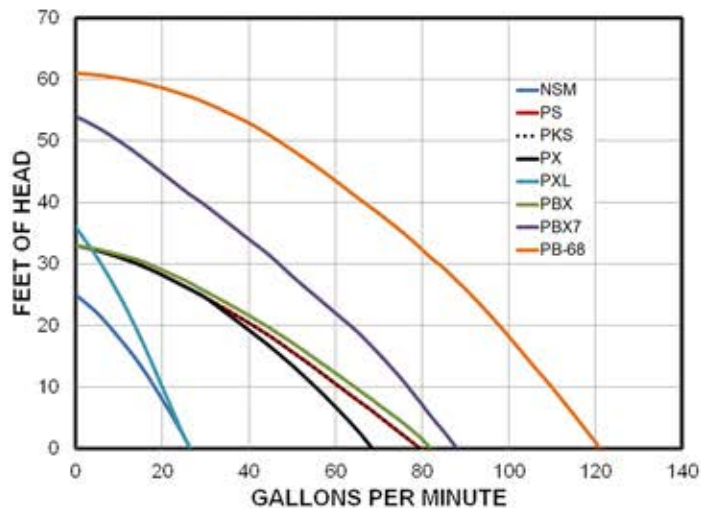


2" Discharge
80 GPM Max
1/2 HP
33' Head
Trash Pump
5/8" Solids

Outstanding Features

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

PERFORMANCE CURVES



NEW Air Valve Protection

Dual Air Valves Allow Continuous Air Flow Around the Motor



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. This air exits the pump through the air valves, increasing the pump's resistance to overheating.

PBX Centrifugal Force Switch



PB Pumps Equipped with a Centrifugal Force Switch have 4x the Starting Torque vs Capacitor Run Motors

OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	NSM-62511	PS-65011
Discharge Size	3/4"-1" NPT	2" NPT
Maximum Output (GPM)	27	80
Max Discharge Head (ft)	25	33
Voltage	110	110
Rated Current (Amp)	2.2	7
Motor Output (Hp)	1/8	1/2
Cable Length (ft)	15	20
Packaged Weight (Lbs)	8	29
Pack Dimensions (LxWxH)	7"x7"x11"	10"x10"x15"

SUBMERSIBLE PUMPS



PKJR

Trash Pump
87 GPM Max
1 HP
55.5' Head



PBX

2" Discharge
82 GPM Max
1/2 HP
33' Head
Composite



PBX7

2" Discharge
88 GPM Max
1 HP
54' Head
Composite



PB

3" Discharge
122 GPM Max
110v or 220v
2 HP
61' Head

PBX

Industrial Rubber Pump End Pumps, Equipped With a Centrifugal Switch Providing 4x the Starting torque, Allows Cooler Operation when Cycling Equipped with Air Valves for Periods of Dry Run, Avoid the Piggy Back Integrated Float Switch Connector Just Two Bolts Outlet Can be Turned to Pump Horizontally, Perfect for Industrial, Construction, Fountains, Ponds, Pools, Irrigation, Agriculture, and Flood Prevention

Plug in Integrated Float Switch Available

- Easy to Retrofit or Replace Float Switch
- Uses Only 2 Bolts to Plug Directly in the Pump



Family Descriptions

- NSM** Small Utility Pump. Perfect for Agitation, Hot Tubs, Small Fountains, Gardening, and Pool Covers
- PS** Inexpensive Side Discharge Pump. Perfect for Light Construction, Agriculture, Pools, Home Fountains, Irrigation and Home Flood Prevention
- PKS** Trash Pump, Perfect for Ponds, Construction, Agriculture, Sand, Pebbles, Debris, and Waste Water, Can Handle up to 5/8" Solids
- PX** Rubber Guts Submersible, Outlet Can be Turned to pump Horizontally. Perfect for Light Abrasive Water, Sand, Pools, Construction, Irrigation, Ponds, Home Fountains, and Home Flood Prevention
- PXL** Rubber Pump End, For Finishing, Removes Residual Water Left by Other Pumps, Pumps Down to 1mm, Anti-Backflow Check Valve, Outlet Can be Turned to Pump Horizontally. Perfect for Pool Covers, Man Holes, Bottom Pits, Pools, Basements, and Construction Sites
- PKJR** Rugged industrial trash pumps with solids handling capacity of 0.4 inches. PKJR features a solid rubber base for added protection, double mechanical seals, and thermal overload protection to prevent burnout
- PB** Industrial Grade Pump, Equipped With a Centrifugal Switch Providing 4x the Starting torque, and Can be cycled More Often, Pre-Wired for 110v, Easily Change to 220v with Removal of a Few Bolts Perfect for Industrial, Construction, Fountains, Ponds, Pools, Irrigation, Agriculture, and Flood Prevention

OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

PKJR-400	PKJR-750	PKS-65011	PX-65011	PXL-65011	PBX-65011	PBX7-65011	PB-68011
2" NPT	2" NPT	2" NPT	2" NPT	3/4"-2" NPT	2" NPT	2" NPT	3" NPT
56	92	80	69	25	82	88	122
36	59	33	33	36	33	54	61
120-240	120-240	110	110	110	110	110	110 / 220
5.6	13	7	6.4	6.4	8.7	12	30 / 15
1/2	1	1/2	1/2	1/2	1/2	1	2
33	33	20	20	20	33	50	40
26	35	36	25	26	36	38	60
9.9"x7"x13.5"	11"x7"x14.5"	10"x10"x17"	8"x8"x13"	8"x8"x13"	10"x10"x19"	10"x10"x19"	10"x10"x25"

HIGH PRESSURE

GREAT FOR IRRIGATION, SPRINKLERS SYSTEMS, FIRE FIGHTING, AGRICULTURE, GREATER HEIGHTS, AND LONGER DISTANCES

SEH-40H



1,1/2" Discharge
73 GPM Max
141' Head
2.1 Horse Power

SERV-50Z



1" Discharge
4 Stroke
30 GPM Max
1.0 Horse Power

SERH-50B



2" Discharge
169 GPM Max
3.1 Horse Power

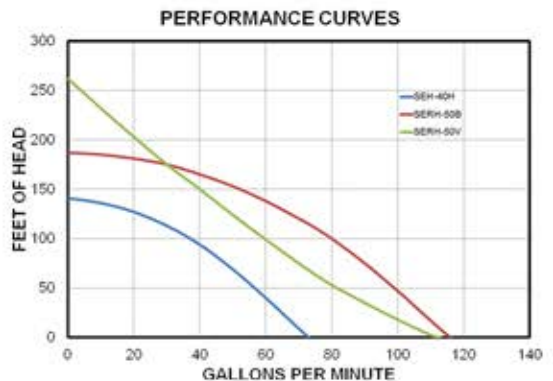
SERH-50Z



3" Discharge
290 GPM Max
4.8 Horse Power

Outstanding Features

- Pressures that can exceed 3x Higher than 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
- SERH-50V, 1" Outlets can be Used for Spray Nozzles and Water Recirculation Cooling
- Self Priming up to 26', and a Maximum Head up to 262'
- Three Year Limited Warranty On Pump Ends



OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	SEH-40H	SERV-50Z	SERH-50B	SERH-50Z
Suction, Discharge Size	1½" NPT	1", 2" NPT	1", 2" NPT	1", 2" NPT
Maximum Output (GPM)	73	126.6	116	132
Maximum Discharge Head (ft)	141	295	187	295
Maximum Suction Lift (ft)	26	26	26	26
Maximum Pressure (Psi)	61.1	127.9	113.7	127.9
Engine Model	GXH50H	K210H	GX160	GX200H
Engine Displacement (cc)	49.4	196	163	196
Engine Horse Power	2.1	5.9	2.1	6.0
Fuel Tank Capacity (Gal)	0.20	0.87	0.82	0.82
Full Load Run Time (hrs)	2	2	2	2
Fuel Type	Unleaded Automotive Gasoline			
Packaged Weight (Lbs)	29.7	81.6	74.9	81.6
Packaged Dimensions (LxWxH)	15.9"x11.9"x19.6"	22.4"x17.7"x18.4"	21"x15.9"x17.2"	22.4"x19.7"x18.4"

DIAPHRAGM PUMPS

GREAT FOR CONSTRUCTION, INDUSTRIAL, LANDSCAPE, THICK LIQUIDS, IRRIGATION, AND SLOW SEEPAGE



KDP-50X

2" Discharge
52 GPM Max
3.5 Horse Power

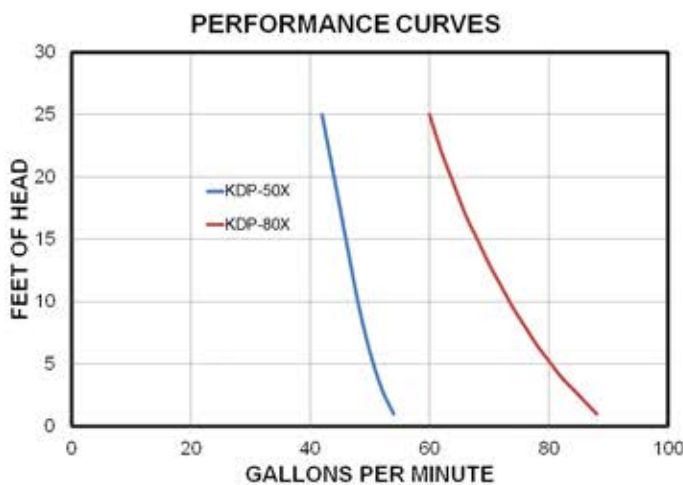
KDP-80X

3" Discharge
88 GPM Max
3.5 Horse Power

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
- Honda GX120 Engines with Low Oil Shut Off
- Maximum Head of 25'
- Wheel Kit is Standard
- One Year Limited Warranty

POWERED by
HONDA
ENGINES



OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	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

PERFECT FOR HIGH VOLUME SUSPENDED SOLIDS DEWATERING



KTH-150

6" Discharge
1000 GPM Max
Gas Engine
23 Horse Power

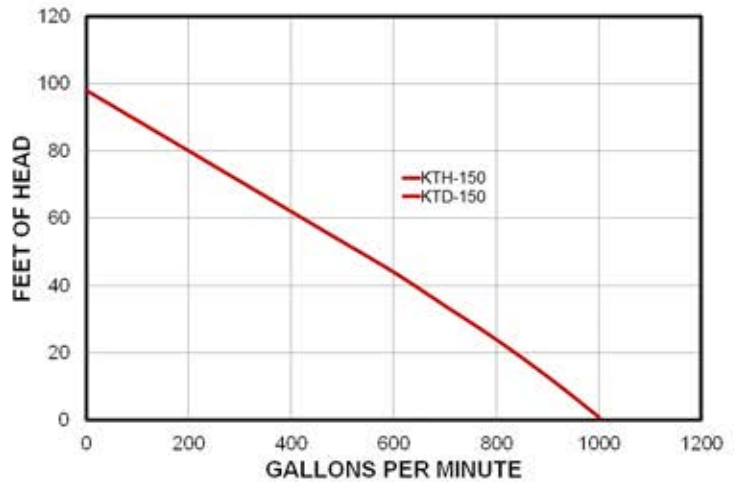
KTD-150

6" Discharge
1000 GPM Max
Diesel Engine
23.4 Horse Power

Outstanding Features

- Great for Industrial, Construction, Landscape Municipal, Civil Engineering, and High Volume
- 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)
- Pump Repair Parts Available Through KOSHIN
- Battery Not Includes (group size 24)
- One Year Limited Warranty

PERFORMANCE CURVE



OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	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	KOHLER KDW1003
Engine Displacement (cc)	688	1028
Engine Horse Power	23	23.4
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

DIESEL TRASH PUMPS



KTD-80S

3" Discharge
380 GPM Max
5.2 Horse Power

KTD-100S

4" Discharge
600 GPM Max
5.2 Horse Power

Outstanding Features

- World's Toughest Trash Pump with State of the Art Hatz Diesel Engines
- ASSEMBLED IN THE USA 
- Superior Performance
- Superior Fuel Efficiency
- In Stock Now Ships in Days
- Wheel Kit Included and Pre-Installed

OUR SPECIFICATIONS ARE GUARANTEED MINIMUM

	Model	KTD-80S	KTD-100S
PUMP	Discharge	3"	4"
	Max Lift	27 ft	27 ft
	Max Head	74 ft	97 ft
	Max Pressure	32 psi	42 psi
	Max Flow	380 gpm	600 gpm
ENGINE	Maker	Hatz	Hatz
	Model	1B30E	1B50E
	Fuel	Diesel	Diesel
	Tank Size	1.31 gal	1.31 gal
	R/T at max	3.9 hours	2.6 hours
	Power (HP)	5.2-10.6	5.2-10.6
	RPM	1500-3600	1500-3600
	Torque	10.8 ft/lb	18.9 ft/lb
	Emissions	EPA Tier IV	EPA Tier IV
	Start	Electric	Electric
	Total Weight	251 lbs	304 lbs

INVERTERS



GV-2000i



GV-3300i



GV-3300iS

*Battery Not Included

KOSHIN Inverter Specification

Model	GV-2000i	GV-3300i	GV-3300iS
Engine	KOSHIN K80-i	KOSHIN K210-V	KOSHIN K210-V
Engine Type	Air-cooled, 4-stroke, OHV, single cylinder		
Displacement	79cc	212cc	212cc
Engine Starter	Recoil Starter	Recoil Starter	Recoil / Electrical Starter
Push Starter	-	-	Auto Choke
Oil Alert System	Standard		
Rated Output	1800 W(VA)	3000 W(VA)	3000 W(VA)
Maximum Output	2000 W(VA)	3300 W(VA)	3300 W(VA)
Rated Frequency	60Hz		
Rated Voltage	120V		
AC Sockets	NEMA 5-20R(GFCI)×1		
		NEMA L5-30R X1	NEMA L5-30R X1
DC Output	-	5V USB(2.1A,1A)	
Fuel Tank	1.1gal	2.2gal	2.2gal
Continue Running Time @ 1/2 Rated Power	6.0 hr	8.0 hr	8.0 hr
Continue Running Time @ Rated Power	4.0 hr	4.0 hr	4.0 hr
Noise(7m@Rated Power)	≤66dB	≤67dB	≤67dB
Noise(4m@3/4 Rated Power)	91dB	89dB	90dB
Dimension	19.6"×11.8"×18.4"	23.2"×18.7"×20.6"	23.2"×20.0"×24.2"
Weight	48.5lb	97lb	110.2lb
Co sensor	Standard		
Parallel Operation	Standard (Same Output Model)		
Multifunctional Digital Display Meter	•Voltage •Hertz •Output Current A / Output Power VA •Fuel Level •Continuous Running Hours / Total Running Hours. •Alarm (Engine RPM/Short Circuit / High or Low Voltage / High Temperature) •Low Oil Level Indicator / Over Load Indicator / Service Remainder		

■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.



GENERATORS



GV-8000S



GV-6000S

* Battery Not Included

KOSHIN Generator Specification

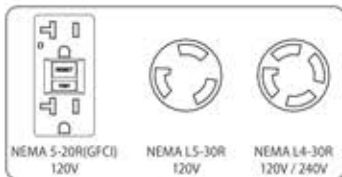
■ All model have GFCI protection.



■ Equipped with CO sensor with automatic shutdown



■ MULTI DISPLAY



ANSI / PGMA G300-2018 standard



Intertek

Model	GV-6000S	GV-8000S
Engine	KOSHIN R420-V	
Engine Type	Air-cooled, 4-stroke, OHV, single cylinder	
Displacement	419cc	
Engine Starter	Recoil/Electrical Starter	
Oil Alert System	Standard	
Rated Output	5500W(VA)	7200W(VA)
Maximum Output	6000W(VA)	8000W(VA)
Rated Frequency	60Hz	
Rated Voltage	120V/240V	
AC Sockets	NEMA 5-20R (GFCI)×2	
	NEMA L5-30R ×1	NEMA L14-30R ×1
DC Output	8.3A/12V/100W	
Fuel Tank	6.0gal	
Continue Running Time@1/2 Rated Power	8.8hr	8.0hr
Continue Running Time@Rated Power	4.6hr	4.2hr
Noise(7m@Rated Power)	≤81dB	≤82dB
Noise(4m@3/4Rated Power)	106dB	106dB
Dimension	28.9"×28.1"×24.8"	
Weight	183.0lb	189.6lb
Co Sensor	Standard	
Multifunctional Digital Display Meter	•Voltage •Hertz	
	•Continuous Running Hours/Total Running Hours	
Wheel Kit	Standard(No Flat Tire)	
Battery(Not Included)	12V Motorcycle Battery : 9ah	
Battery Reference Size	5.94"×3.43"×4.13"	

OUR COMMITMENT

For over 70 years Koshin has continued to invest in new product testing and development. Koshin totally redesigned its production facilities in 2013 adding in house aluminum die casting, production automation, and state of the art process flow management. With a core philosophy of customer satisfaction, Koshin insures that each product off of its production line is of the finest quality. This is why we can proudly say that **the performance specifications found in this catalog are guaranteed minimum.** This is often not the case with our competitors, who inflate actual performance values.

To further insure our valued customers that Koshin stands by our products, we offer a 3 year limited warranty against manufactured defects. Our pumps are used and loved in 160 countries all over the world.

Koshin... the world's toughest pump.

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