



TSURUMI PUMP



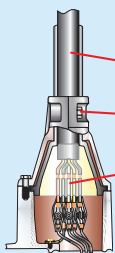
BUILT FOR WORK

Product Guide

Contractor Pumps • Engine Driven Pumps • Generators

TSURUMI PUMP

SUPERIOR DESIGN & TECHNOLOGY



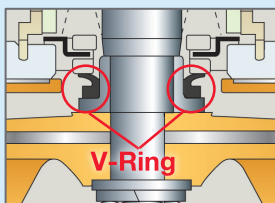
Anti-Wicking Cable Entrance:

Maximum protection against water incursion through the cable entry.

- Molded Cable Boot or Cable Protection Tube - extends cable bending radius, prevents abrading, and reduces fatigue.
- Cable Gland - provides 360 degree compression of cable boot, protection tube or cable bush for a water tight fit.
- Anti-Wicking Block - window cuts on conductor insulation expose strands to molded rubber or epoxy to prevent water wicking through the strands and entering the motor providing protection even if the cable insulation is cut.

Internal Thermal Motor Protection: Built-in motor protection reacts to ambient temperatures the motor is actually experiencing - unlike external overloads that react to ambient conditions in the control panel.

Circle Thermal Protector (CTP) - for pumps with 1-10HP: 3-Pole protector connects to each winding of the motor and reacts to excessive heat and amperage. Automatic reset at safe temperature to restart the motor. No motor protection circuit required in starter or control panel.

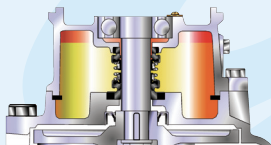


V-Ring: (not available on HS Series)

V-Ring is mounted at the top of the impeller and is brought in close contact to the bottom of the mechanical seal by the internal pressure of the pump casing. This V-Ring acts as a dust seal to prevent fine abrasive particles in the pumping fluid from reaching the mechanical seal.

High-Performance Motor:

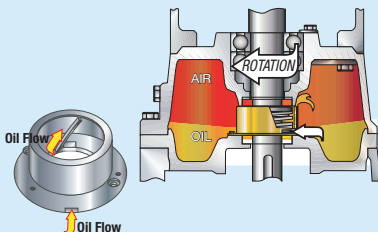
Dry type, squirrel-cage, induction motor, housed in a watertight casing, conforms to either insulation class B or E. In both of these classes, all standard pumps can be used in ambient temperature up to 104°F (40°C).



Dual Inside, Silicon Carbide Mechanical Seals:

Isolation of mechanical seals in an oil chamber provides a clean, non-corrosive and abrasion free lubricating environment to prevent spring failure due to corrosion or abrasion and bottom seal failure due to loss of cooling during dry-run conditions.

Oil Lifter (Patented): Tsurumi's exclusive Oil Lifter encloses the mechanical seal and uses the centrifugal force generated by the rotating shaft and seal to pump oil to the upper seal faces. Upper and lower seal faces are positively lubricated even when extremely low oil levels exist, as experienced after long periods of extended operation.



BUILT FOR WORK

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ENGINE POWERED PUMPS

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LB Series: LB-480/480A

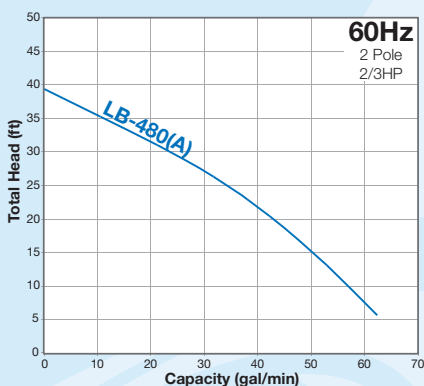
Dewatering Pumps

Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels and extended dry-run capability.

LB-480A features the Relay Unit (Level Sensor) which incorporates low voltage, stainless steel probes, epoxy and rubber encapsulated timing relay, that turns the unit off when liquid is not present. It saves energy and extends the life of the motor and bearings!



LB-480

LB-480A
Automatic
Operation

	LB480 Dewatering	LB480A Automatic Operation
Max. Capacity (GPM)	62.4	62.4
Max. Head (ft)	39.5	39.5
Solid Diameter (inches)	1/4	1/4
Discharge Connection	2" NPT Coupling	2" NPT Coupling
Motor Output (hp)	2/3 hp	2/3 hp
Phase	Single	Single
Voltage (V)	110V	110V
Amperage - Rated Current	6.1	6.1
Recommended Generator Capacity (watts)	2700	2700
Std. Cable Length (ft)	32	32
Diameter (inches)	7 3/8	8 3/4
Height (inches)	11 1/4	11 1/4
Continuous Running Water Level (in.)	2	*4 1/2 *Pump Starting Water Level
Shipping Weight (lbs.)	28	30

SINGLE PHASE PUMPS

LB Series: LB-800 • 800A • 1500

Slimline Dewatering Pumps

LB-800 • LB-1500 Slimline design pumps fit into 8" pipes. The pumps are designed to be built with durable materials in an easy handling design. Optional accessories are available in LB-800 pump: Float switch for both 115V and 230V operations.

LB-800A pump features the Relay Unit (Level Sensor).

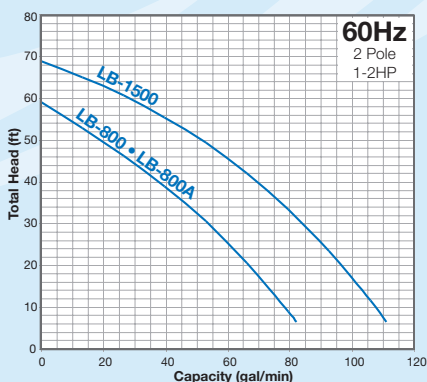
LB-1500 pump incorporates with a high chrome semi-open impeller, and has the motor so that the pump can operate at low water levels with an excellent cooling effect. Its top discharge port enables the pump to be fit in limited spaces.



LB-800 LB-1500



LB-800A
Automatic Operation



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	LB-800 Slimline Pump	LB-800A Slimline Pump Automatic Operation	LB-1500 Slimline Pump
Max. Capacity (GPM)	82	82	111
Max. Head (ft)	59	59	69
Solid Diameter (inches)	1/4	1/4	1/4
Discharge Connection	2" NPT Coupling	2" NPT Coupling	3" NPT Coupling (2" is optional)
Motor Output (hp)	1 hp	1 hp	2 hp
Phase	Single	Single	Single
Voltage (V)	115V or 230V	115V or 230V	115V or 230V
Amperage - Rated Current	9.6 (115V) 5.1 (230V)	9.6 (115V) 5.1 (230V)	26.2 (115V) 13.2 (230V)
Recommended Generator Capacity (watts)	4600	4600	8400
Std. Cable Length (ft)	50	50	50
Diameter (inches)	7 9/16	8 3/4	7 3/8
Height (inches)	13 7/16	13 7/16	23 5/16
Continuous Running Water Level (in.)	2	6 3/4* * Pump Starting Water Level	3 1/8
Shipping Weight (lbs.)	35	38	85

HS/HSD Series: HS2.4S/3.75S HSD2.55S

Sand/Solids Trash Pumps

HS Series single-phase agitator pumps suspend solids when pumping sand and debris. Horsepower ranges from 1/2 hp to 1 hp and in 2-inch or 3-inch discharge sizes.

HSD Series sand pump is an extremely durable trash pump which pumps sand, solids and debris with minimal wear and clogging.

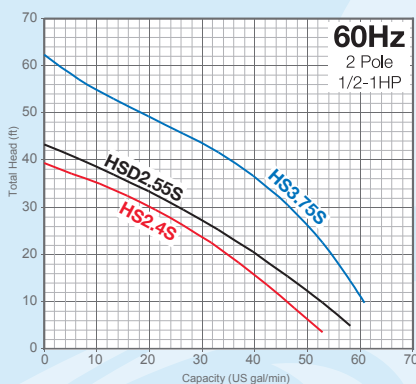


HS2.4S

HS3.75S



HSD2.55S



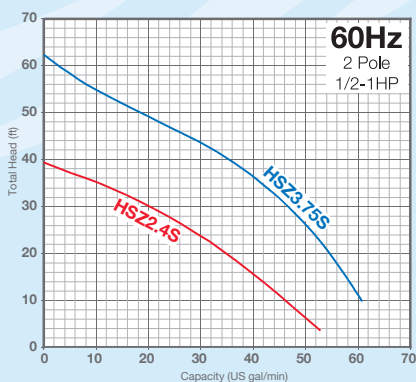
	HS2.4S Sand/Solids Trash Pump	HS3.75 Sand/Solids Trash Pump	HSD2.55S Extra Durable Sand Pump
Max. Capacity (GPM)	53	60	58
Max. Head (ft)	39	62	43
Solid Diameter (inches)	1/4	1/4	3/8
Discharge Connection	2" NPT Coupling	3" NPT Coupling	2" NPT Coupling
Motor Output (hp)	1/2 hp	1 hp	3/4 hp
Phase	Single	Single	Single
Voltage (V)	110V	115V or 230V	115V
Amperage - Rated Current	5.4	9.6 / 4.6	7.5
Recommended Generator Capacity (watts)	2400	3700	2900
Std. Cable Length (ft)	20	32	32
Diameter (inches)	10 1/16	12 7/16	9 3/4
Height (inches)	12 15/16	15 1/4	15 3/8
Continuous Running Water Level (in.)	3 1/2	3 1/2	4 1/8
Pump Weight (lbs.)	30	49	36

SINGLE PHASE PUMPS

HSZ <Automatic> Series: ^{HSZ2.4S} ^{HSZ3.75S}

Trash Pump with Auto Float

HSZ automatic trash pumps are available in two sizes: 1/2hp with 2-inch discharge and 1hp with 3-inch discharge. Urethane semi-vortex impeller for maximum durability and pump performance. Attached float switch for automatic operation.



	HSZ2.4S Automatic Trash Pump	HSZ3.75 Automatic Trash Pump
Max. Capacity (GPM)	53	60
Max. Head (ft)	39	62
Solid Diameter (inches)	1/4	1/4
Discharge Connection	2" NPT Coupling	3" NPT Coupling
Motor Output (hp)	1/2 hp	1 hp
Phase	Single	Single
Voltage (V)	110V or 220V	115V or 230V
Amperage - Rated Current	5.4 / 2.7	9.6 / 4.6
Recommended Generator Capacity (watts)	2400	3700
Std. Cable Length (ft)	20	32
*Diameter (inches)	13 1/2	13 1/2
*Height (inches)	15 1/8	17 1/2
Pump Starting Water Level (in.)	15 1/8	17 1/2
Shipping Weight (lbs.)	30	49

*Minimum Required Space

LSR / LSC Series

Ground Drainage Pumps

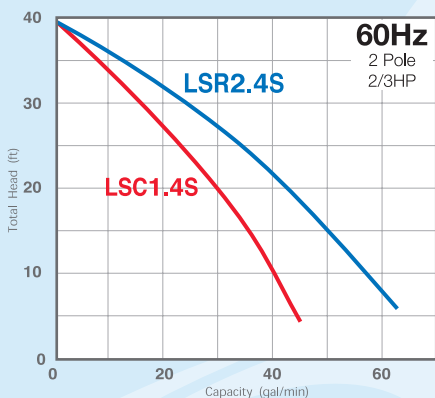
Ideal for complete drainage of flat surfaces where a sump is not available: rooftops, parking garages, roadways underpasses, service utility pits, basements, plant maintenance cleanup, pools, and spas.



LSR 2.4S



LSC 1.4S



	LSR2.4S	LSC1.4S
	Ground Level	Floor Level
Max. Capacity (GPM)	62.4	45
Max. Head (ft)	39.5	39
Solid Diameter (inches)	1/4	1/4
Discharge Connection	2" NPT Coupling	3/4" NPT Coupling
Motor Output (hp)	2/3 hp	2/3 hp
Phase	Single	Single
Voltage (V)	110V	110V
Amperage - Rated Current	6.1	6.1
Recommended Generator Capacity (watts)	2700	2700
Std. Cable Length (ft)	32	20
Diameter (inches)	8 1/4	7 11/16
Height (inches)	11 3/8	12 7/16
Continuous Running Water Level (in.)	0.20	0.04
Shipping Weight (lbs.)	28	29

SINGLE PHASE PUMPS

NK Series: NK2-15/2-22/2-22L

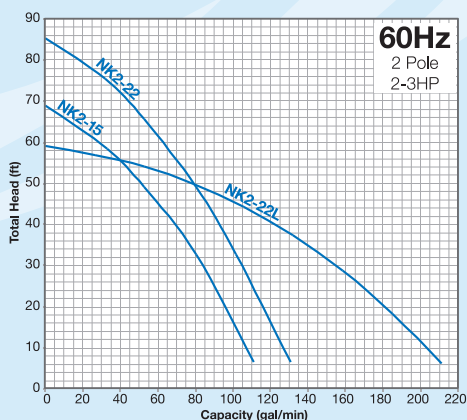
Heavy-Duty & High Head/Flow Pumps

Terminal board for voltage reconnect allows for change from 110V to 220V (NK2-15 ONLY).

For **NK2-15** and **NK2-22** pumps feature optional agitator kits that allow the pumps continuous duty when pumping abrasive materials.



NK2-15, NK2-22, and NK2-22L



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	NK2-15 Heavy Duty & High Head	NK2-22 Heavy Duty & High Head	NK2-22L Heavy Duty & High Flow
Max. Capacity (GPM)	111	130	211
Max. Head (ft)	69	85	59
Solid Diameter (inches)	5/16	5/16	5/16
Discharge Connection	3" NPT Coupling	3" NPT Coupling	3" NPT Coupling
Motor Output (hp)	2 hp	3 hp	3 hp
Phase	Single	Single	Single
Voltage (V)	110V and 220V	220V	220V
Amperage - Rated Current	23.0 / 11.5	13.0	13.0
Recommended Generator Capacity (watts)	7200	10000	10000
Std. Cable Length (ft)	32	32	32
Diameter (inches)	9 7/16	9 7/16	9 1/4
Height (inches)	24 1/2	24 1/2	26 1/2
Continuous Running Water Level (in.)	3 1/4	3 1/4	4 3/4
Shipping Weight (lbs.)	80	78	84

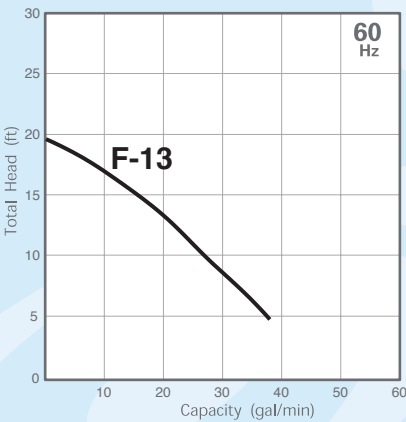
F-13 Utility Pump

Oil free economical submersible pumps for clean surface water application. With built-in check-valve for houses, yards and gardens. Available ready to plug-in, with built-in level control.



F-13 Features

- Completely oil free air filled motor protected by 3 oil seals.
- Built-in thermal motor protector.
- Incorporates a check valve built into the discharge.
- Pump can be operated either manual or automatic.
- 1-1/4" NPT discharge with garden hose adaptor (3/4").
- Easy grip handle design.
- 1 year warranty.



	F-13 Utility Pump
Max. Capacity (GPM)	38
Max. Head (ft)	19
Discharge Size - Internal Thread (in.)	3/4
Nominal HP	1/4
RPM	3450
Rated Current at 115V (A)	4.2
Std. Cable Length (ft)	10
Shipping Weight (lbs.)	11

UTILITY PUMP

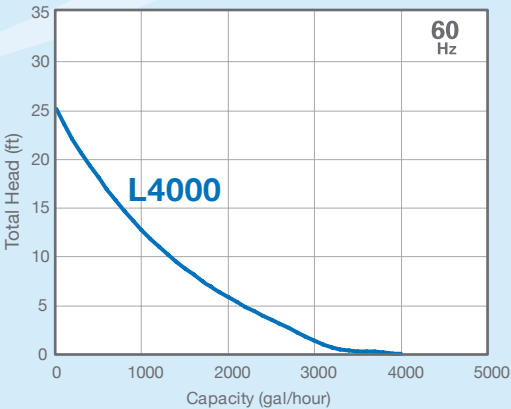
L4000 DC Pump

Designed to meet and exceed the tough demands of commercial and recreational duty.



L4000 Features

- 1 1/2" and 2" Discharge Ports
- Liquid Cooled Motor
- Universal Mounting Base
- Double-Ball Bearing 12 Pole Motor
- Mechanical Shaft Seal
- Salt Water Tough
- 1 year warranty



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	L4000 DC Pump
Max. Capacity (GPH)	4000
Max. Head (ft)	25
Body Material	High Impact ABS Thermo-Plastic
Discharge Size (in.) & Parts	1 1/2" & 2" Polypropylene
Impeller	Glass/Nylon Composite
Shaft Seal	Mechanical (Carbon/Ceramic)
Voltage (V)	12V
Std. Cable Length (ft)	6
Shipping Weight (lbs.)	5.4

LBT Series: LBT-800 • LBT-1500

Slimline Pumps

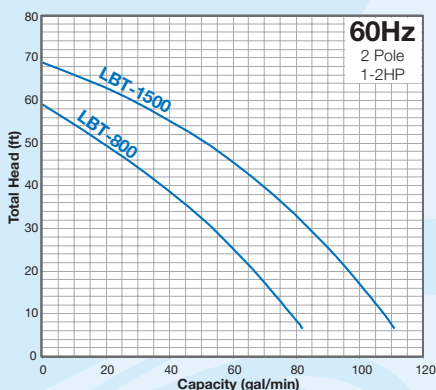
Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels and extended dry-run capability.



LBT-800



LBT-1500



	LBT-800 Slimline Pump	LBT-1500 Slimline Pump
Max. Capacity (GPM)	82	111
Max. Head (ft)	59	69
Solid Diameter (inches)	1/4	1/4
Discharge Connection	2" NPT Coupling	2" or 3" NPT Coupling (2" is optional)
Motor Output (hp)	1 hp	2 hp
Phase	Three	Three
Voltage (V)	230/460/575	230/460/575
Amperage - Rated Current	3.2/ 1.6 / 1.2	8.0 / 4.0 / 2.9
Recommended Generator Capacity (watts)	3600	7400
Std. Cable Length (ft)	50	50
Diameter (inches)	7 9/16	7 3/8
Height (inches)	13 7/16	23 5/16
Continuous Running Water Level (in.)	2	3 1/8
Shipping Weight (lbs.)	35	85

THREE PHASE PUMPS

LH-W Series: LH23.0W • LH33.0

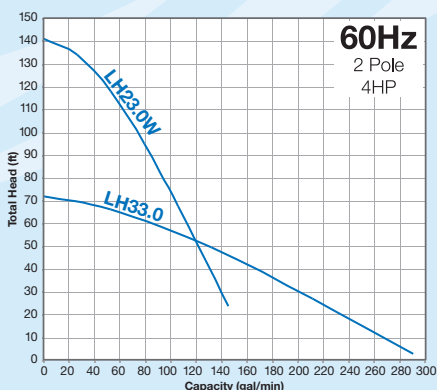
Slim Design High Head/Pressure Pumps

Powerful pumps built with durable materials in an easy handling design. Top discharge provides maximum motor cooling efficiency allowing continuous duty operation at low water levels and extended dry-run capability.



LH23.0W

LH33.0



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	LH23.0W	LH33.0
	Slimline Pumps	
Max. Capacity (GPM)	145	291
Max. Head (ft)	141	72
Solid Diameter (inches)	1/4	1/4
Discharge Connection	2" NPT Coupling	3" NPT Coupling
Motor Output (hp)	4 hp	4 hp
Phase	Three	Three
Voltage (V)	208-230/460/575	208-230/460/575
Amperage - Rated Current	12.3-12.0 / 6.0 / 4.7	12.3-12.0 / 6.0 / 4.7
Recommended Generator Capacity (watts)	14200	14200
Std. Cable Length (ft)	64	64
Diameter (inches)	7 5/16	7 5/16
Height (inches)	24 13/16	25 3/8
Continuous Running Water Level (in.)	7 7/8	5 7/8
Pump Weight (lbs.)	101	93

KTZ Series: KTZ 2-15HP (15-11kW)

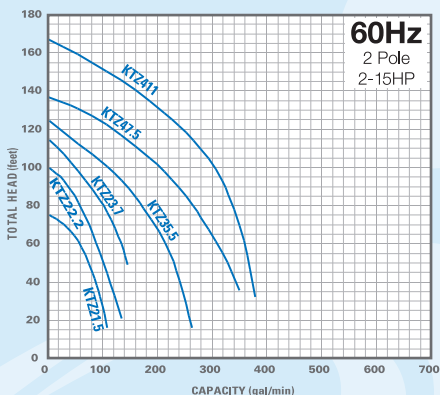
Dewatering Pumps

KTZ pumps are designed to withstand the most demanding conditions, including those found in the highly abrasive waters of construction, aggregate, and mining dewatering. Versatility is increased as each pump model has the capability of easily converting between high head and high volume performance with a simple change of the impeller and wear plate.

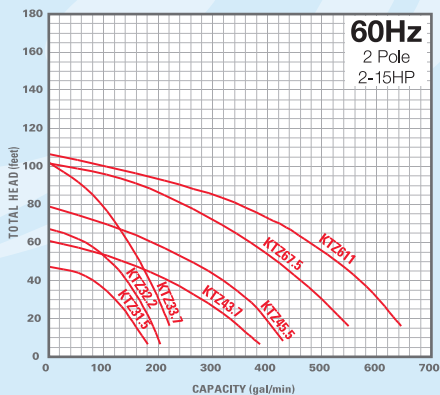


KTZ411

KTZ Series High Head



KTZ Series High Volume



KTZ Series High Head

	KTZ21.5	KTZ22.2	KTZ23.7	KTZ35.5	KTZ47.5	KTZ411
	Wear Resistant Pumps					
Max. Capacity (GPM)	106	132	143	260	349	377
Max. Head (ft)	75	100	115	125	137	167
Solid Diameter (inches)	5/16					
Discharge Connection	2" NPT Coupling			3" NPT Coupling	4" NPT Coupling	
Motor Output (hp)	2	3	5	7.5	10	15
Phase	Three					
Voltage (V)	208-230 / 460 / 575					
Amperage -Rated Current	6.2-6.0/ 3.1/2.3	9.4-9.0/ 4.5/3.5	15.0-13.6/ 6.8/5.3	21.0-20.0/ 10.0/7.9	28.8-26.6/ 13.3/10.4	40.0-37.6/ 18.6/14.9
Recommended Generator Capacity (watts)	8800	12400	19100	27600	38300	53700
Std. Cable Length (ft)	50					
Diameter (inches)	9 1/4	9 1/4	11 1/8	12 1/16	13	14 11/16
Height (inches)	21 9/16	22 3/8	25 1/16	27 1/16	28 1/8	31 3/4
Continuous Running Water Level (in.)	4 3/4	4 3/4	5 7/8	5 7/8	7 1/2	7 1/2
Pump Weight (lbs.)	66	75	139	181	231	293

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KTZ Series High Volume

	KTZ31.5	KTZ32.2	KTZ33.7	KTZ43.7	KTZ45.5	KTZ67.5	KTZ611
	Wear Resistant Pumps						
Max. Capacity (GPM)	180	203	219	386	428	549	645
Max. Head (ft)	47	67	102	61	79	102	107
Solid Diameter (inches)	5/16					13/16	
Discharge Connection	3" NPT Coupling			4" NPT Coupling		4" NPT Coupling (6" is optional)	
Motor Output (hp)	2	3	5	5	7.5	10	15
Phase	Three						
Voltage (V)	208-230 / 460 / 575						
Amperage -Rated Current	6.2-6.0/ 3.1/2.3	9.4-9.0/ 4.5/3.5	15.0-13.6/ 6.8/5.3	15.0-13.6/ 6.8/5.3	21.0-20.0/ 10.0/7.9	28.8-26.6/ 13.3/10.4	40.0-37.6/ 18.6/14.9
Recommended Generator Capacity (watts)	8800	12400	19100	19100	27600	38300	53700
Std. Cable Length (ft)	50						
Diameter (inches)	9 1/4	9 1/4	11 1/8	11 1/8	12 1/16	13	14 11/16
Height (inches)	21 9/16	22 3/8	25 1/16	25 1/16	27 1/16	28 1/8 or 30 11/16	31 3/4 or 30 3/16
Continuous Running Water Level (in.)	4 3/4	4 3/4	5 7/8	5 7/8	5 7/8	7 1/2	7 1/2
Pump Weight (lbs.)	66	75	139	139	181	236	300

TE Series: Powered by Honda / Subaru

Constructed for maximum durability, our dewatering pumps are compact and lightweight, built with the contractor in mind. Available with Honda or Subaru gasoline engines.



Honda TE2-25HA



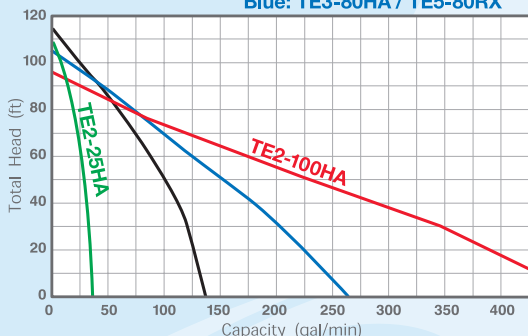
Robin Subaru TE5-80RX



Honda TE2-50HA

Black: TE3-50HA / TE5-50RX

Blue: TE3-80HA / TE5-80RX

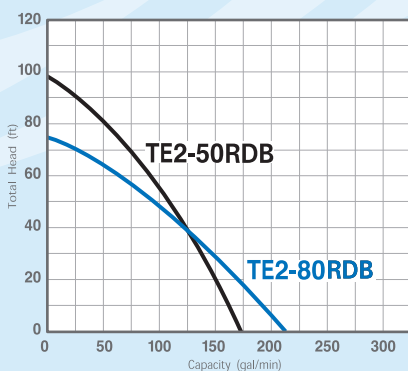
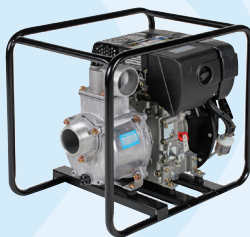


	TE2-25HA 1" Dewatering Pump	TE3-50HA 2" Dewatering Pump	TE3-80HA 3" Dewatering Pump	TE2-100HA 4" Dewatering Pump	TE5-50RX 2" Dewatering Pump	TE5-80RX 3" Dewatering Pump
Max. Capacity (GPM)	37	137	264	476	137	264
Max. Capacity (GPH)	2220	8220	15840	28560	8220	15840
Max. Head (ft)	109	115	105	92	115	105
Max. Solid Diameter (in.)	0	3/8	3/8	3/8	3/8	3/8
Discharge Connection	1" NPT Coupling	2" NPT Coupling	3" NPT Coupling	4" NPT Coupling	2" NPT Coupling	3" NPT Coupling
Brand	Honda	Honda	Honda	Honda	Subaru	Subaru
Model	GX-25	GX-120	GX-160	GX-240	EX16	EX17
Output (hp)	1.1	4.0	5.5	8.0	4.5	6.0
RPM	2220	3600	3600	3600	4000	4000
Fuel	Unleaded Gasoline					
Fuel Tank Capacity (US Gal.)	0.15	0.66	0.95	1.59	0.95	0.95
Continuous Run Time per Tank (hr.)	1.21	3.0	3.3	3.2	3.18	2.71
Starting Method	Recoil Starter					
Length (in.)	9	18 1/2	20 1/2	25	20 1/2	20 1/2
Width (in.)	14	14 5/8	16 1/2	18	16 1/2	16 1/2
Height (in.)	13	17 1/8	18 1/8	23 1/2	18 7/8	18 7/8
Shipping Weight (lbs.)	12	55	64	109	60	64

ENGINE POWERED: Centrifugal Dewatering Pumps

TE2-RDB Series: Powered by Robin Hatz

Lightweight dependable dewatering pumps powered by Robin-Hatz diesel engines.



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	TE2-50RDB 2" Dewatering Pump	TE2-80RDB 3" Dewatering Pump
Max. Capacity (GPM)	172	212
Max. Capacity (GPH)	10320	12720
Max. Head (ft)	98	75
Max. Solid Diameter (in.)	3/8	3/8
Discharge Connection	2" NPT Coupling	3" NPT Coupling
Brand	Robin Hatz	Robin Hatz
Model	1B20	1B30
Output (hp)	4.9	4.9
RPM	3600	3600
Fuel	Diesel	
Fuel Tank Capacity (US Gal.)	0.78	0.78
Continuous Run Time per Tank (hr.)	1.21	3.0
Starting Method	Recoil Starter	
Shipping Weight (lbs.)	95	97

EPT Series: Powered by Honda / Subaru

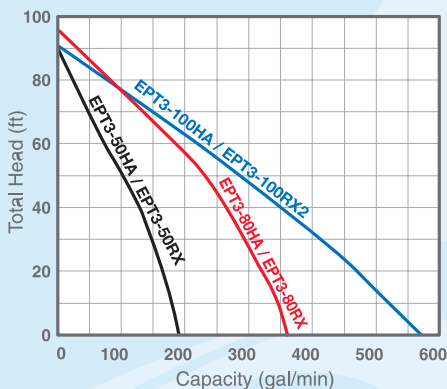
We've redesigned our portable trash pump series by increasing the size of the pump casing. Plus, we've installed an access door to the impeller that can be taken off the volute casing without you having to remove the suction hose. Powered by quality, dependable Honda and Subaru gas engines.



Subaru EPT3-50RX



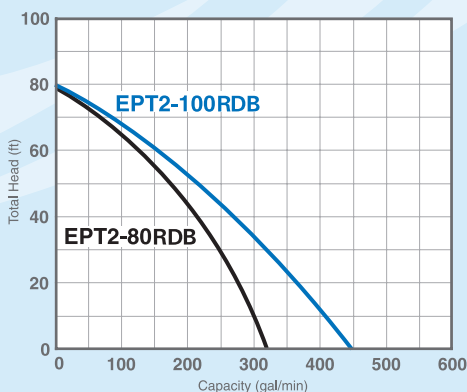
Honda EPT3-100HA



	EPT3-50HA 2" Trash Pump	EPT3-80HA 3" Trash Pump	EPT3-100HA 4" Trash Pump	EPT3-50RX 2" Trash Pump	EPT3-80RX 3" Trash Pump	EPT3-100RX2 4" Trash Pump
Max. Capacity (GPM)	190	360	570	190	360	570
Max. Capacity (GPH)	11400	21600	34200	11400	21600	34200
Max. Head (ft)	90	96	91	90	96	91
Max. Solid Diameter (in.)	1	1 1/2	1 1/2	1	1 1/2	1 1/2
Discharge Connection	2" NPT Coupling	3" NPT Coupling	4" NPT Coupling	2" NPT Coupling	3" NPT Coupling	4" NPT Coupling
Brand	Honda	Honda	Honda	Subaru	Subaru	Subaru
Model	GX-160	GX-240	GX-340	EX17	EX27	EX35
Output (hp)	5.5	8.0	11.0	6.0	7.0	12.0
RPM	3600	3600	3600	4000	4000	3600
Fuel	Unleaded Gasoline					
Fuel Tank Capacity (US Gal.)	0.95	1.6	1.7	0.95	0.95	1.85
Continuous Run Time per Tank (hr.)	3.3	3.2	2.6	3.28	2.71	2.8
Starting Method	Recoil Starter					
Length (in.)	23 1/4	27 1/2	30 1/8	23 1/4	27 1/2	30 1/8
Width (in.)	18 1/4	20 1/8	20 1/8	18 1/4	20 1/8	20 1/8
Height (in.)	17 3/8	25 5/8	26	17 3/8	25 5/8	26
Shipping Weight (lbs.)	82	136	160	82	136	163

EPT2-RDB Series: Powered by Robin Hatz

Powered by quality, dependable Robin Hatz Diesel engine. Built with the highest quality components for use on your toughest dewatering jobs.



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	EPT2-80RDB 3" Trash Pump	EPT2-100RDB 4" Trash Pump
Max. Capacity (GPM)	317	449
Max. Capacity (GPH)	19020	26940
Max. Head (ft)	79	79
Max. Solid Diameter (in.)	1 1/2	1 1/2
Discharge Connection	3" NPT Coupling	4" NPT Coupling
Brand	Robin Hatz	Robin Hatz
Model	1B30	1B40
Output (hp)	7.6	10.5
RPM	3600	3600
Fuel	Diesel	
Fuel Tank Capacity (US Gal.)	1.30	1.30
Continuous Run Time per Tank (hr.)	3.3	3.2
Starting Method	Recoil Starter	
Shipping Weight (lbs.)	128	193

THP-4070HA: High Pressure Pump Powered by Honda

TD5-200/300: Diaphragm Pump Powered by Honda



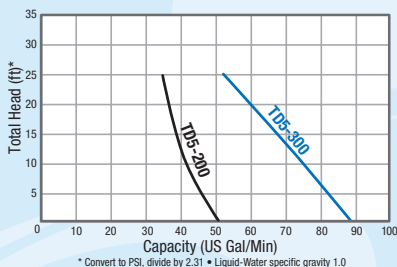
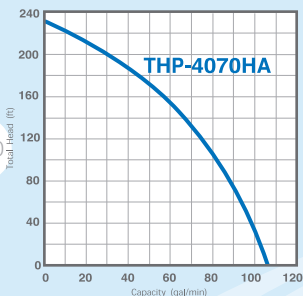
THP-4070HA

The perfect pump for sprinkling, irrigation, firefighting and other high pressure applications.



TD5-200/300

Diaphragm pumps for sand, sludge, mud applications.



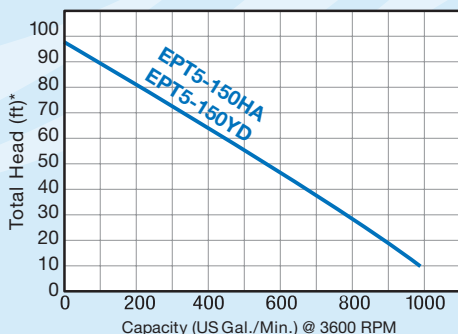
* Convert to PSI, divide by 2.31 • Liquid-Water specific gravity 1.0

	THP-4070HA High Pressure Pump	TD5-200 2" Diaphragm Pump	TD5-300 3" Diaphragm Pump
Max. Capacity (GPM)	106	50	88
Max. Capacity (GPH)	6360	3000	5280
Max. Head (ft)	231	25	25
Max. Solid Diameter (in.)	n/a	1 1/2	1 5/8
Impeller Type	Closed	Diaphragm	Diaphragm
Discharge Connection	1"-1 1/2"	2" NPT Coupling	3" NPT Coupling
Brand	Honda	Honda	Honda
Model	GX-160KISX	GX120	GX-120
Output (hp)	5.5	4.0	4.0
RPM	3600	3600	3600
Fuel	Unleaded Gasoline		
Fuel Tank Capacity (US Gal.)	0.95	0.5	0.5
Continuous Run Time per Tank (hr.)	3.3	2.0	2.0
Starting Method	Recoil Starter		
Length (in.)	21	39	42
Width (in.)	16	26	30
Height (in.)	18	23	22
Shipping Weight (lbs.)	62	167	175

EPT5-150 Series: Powered by Honda / Yanmar

EPT5-150HA • EPT5-150YD Features:

- Available with Honda gas engine (EPT5-150HA) or Yanmar diesel (EPT5-150YD) engine
- Cast aluminum casing and adapter
- Cast iron seal plate, volute and manifold
- Stainless steel impeller
- Silicon Carbide Mechanical Seal & Buna O-Rings & Flapper / Check Valve
- Self Priming to 20ft.
- Solids handling to 3" diameter
- Unique Slide Mechanism permits complete service of pump without removing hoses or removing pump components from trailer (patent pending)
- Includes Seal Wash Feature for extended seal life



* Convert to PSI, divide by 2.31 • Liquid-Water specific gravity 1.0

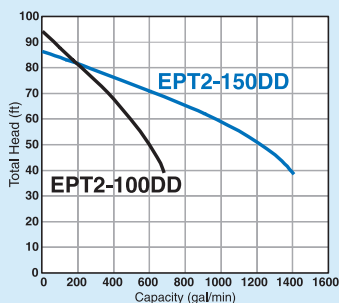
21

	EPT5-150HA 6" Gas Engine Trash Pump	EPT5-150YD 6" Diesel Engine Trash Pump
Max. Capacity (GPM)	1000	
Max. Capacity (GPH)	60000	
Max. Head (ft)	98	
Max. Solid Diameter (in.)	3	
Discharge Connection	6" FNPT	6" MNPT
Brand	Honda	Yanmar
Model	GX660/GX690*	3TNM72
Output (hp)	22	22.8
RPM	3600	3600
Fuel	Gasoline	Diesel
Fuel Tank Capacity (US Gal.)	18	20
Continuous Run Time per Tank (hr.)	12	12
Starting Method	12 Volt Electric Start / Battery not included	
Length (in.)	99	
Width (in.)	48	
Height (in.)	60	
Shipping Weight (lbs.)	1125	1250

*GX660 will be changed to GX690 after GX660 is being phased out

EPT2-DD/EPT3-YD Series: Powered by Deutz Powered by Yanmar

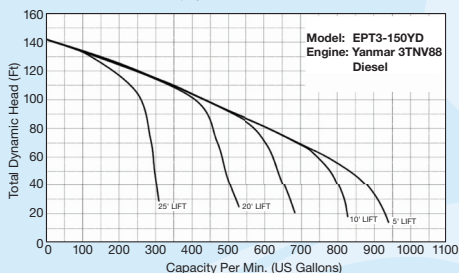
Trailer or Skid mounted trash pumps for tough jobs. Available in 4 inch or 6 inch sizes, Tsurumi's heavy duty series of trash pumps can be found on the smallest and largest of jobsites. From dewatering to sewage, clean water to 3-inch solids, our trash pumps can do it all.



Deutz EPT2-100/150DD



Yanmar EPT3-150YD

Model: EPT3-150YD
Engine: Yanmar 3TNV88
Diesel

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	EPT2-100DD 4" Heavy-Duty Trash Pump	EPT2-150DD 6" Heavy-Duty Trash Pump	EPT3-150YD 6" Heavy-Duty Trash Pump
Max. Capacity (GPM)	666	1400	940
Max. Capacity (GPH)	40000	84000	56400
Max. Head (ft)	94	86	140
Max. Solid Diameter (in.)	2	3	3
Discharge Connection	4" NPT Coupling	6" NPT Coupling	6" NPT Coupling
Brand	Deutz	Deutz	Yanmar
Model	F2L1011	F3L1011	3TNV88
Output (hp)	24.5	36	30
RPM	2800	2800	3000
Fuel		Diesel	
Fuel Tank Capacity(US Gal.)	40	40	40
Continuous Run Time per Tank (hr.)	24	24	11.5
Starting Method	Electric, 12V	Electric, 12V	Electric, 12V
Length (in.)	100	100	108
Width (in.)	63 1/2	63 1/2	60
Height (in.)	59	59	69
Shipping Weight (lbs.)	1800	2100	1750

EPT4-DP(Q)JD Series: Powered by John Deere

Vacuum Assisted / Sound Attenuated Dry Prime

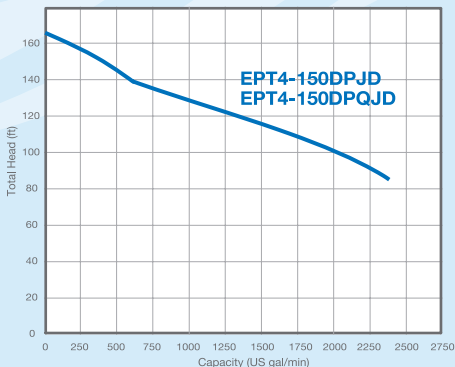
- Vacuum assisted pump that primes and re-primers by use of a compressor running high pressure air across a venturi which creates a vacuum.
- John Deere diesel engine, water cooled, Model 4045TF280 Tier 3.
- Passes 3-inch spherical solids.
- Mechanical seal is tungsten vs. silicon carbide seal faces, viton elastomers, 303 stainless steel hardware and spring. Seal system designed for dry running.
- Heavy duty DOT road trailer.
- EPT4-150DPQJD is sound attenuated unit.



EPT4-150DPJD




EPT4-150DPQJD



	EPT4-150DPJD 6" Heavy-Duty Trash Pump	EPT4-150DPQJD 6" Heavy-Duty Trash Pump
Max. Capacity (GPM)		2400
Max. Capacity (GPH)		144000
Max. Head (ft)		160
Max. Solid Diameter (in.)		3
Discharge Connection		6" Ansi Flange
Brand		John Deere
Model		4045TF280
Output (hp)		80
RPM		2200
Fuel		Diesel
Fuel Tank Capacity(US Gal.)	60	130
Continuous Run Time per Tank (hr.)		24
Starting Method		Electric, 12V
Shipping Weight (lbs.)	3360	4800

TPG3 Series Generators: Powered by Honda

TPG3-3000HDX / 4500HDX / 6000HDX / 7000HDX(E)

 **CSA** (Canadian Standard Association) Approved

Tsurumi TPG3-Series Generators are designed to withstand the severe conditions of construction jobsites or industrial applications, especially where extra durability and dependable, stable power are required. Ideal to supply the power to Tsurumi's single-phase submersible pumps and all your electrical power tools such as drills, saws, lighting and heaters.



TPG3-3000HDX



TPG3-4500HDX



TPG3-6000HDX



TPG3-7000HDX

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TPG-11000HDXE Generator: Powered by Honda

 **CSA** (Canadian Standard Association) Approved



TPG-11000HDXE

* Optional Wheel Kits & Lifting Bail are available.

Wheel Kit

PGWK-200: TPG3-3000HDX, 4500HDX, 6000HDX, 7000HDX(E)

PGWK-11K: TPG-11000HDXE

Lifting Bail

PGLB-1: All TPG3 model generators



	TPG3-3000HDX	TPG3-4500HDX
Max. Rated Output (watt)	2900/2400	4500/3600
Max. Rated Current (120, 240V)	24.2/20	37.5/30, 18.8/15
Voltage (V)	120 (60Hz, 1Ø)	120/240 (60Hz)
AC Output Receptacles	1-NEMA 5-20R Duplex (20A, 12A, W/GFCI)	2-NEMA 5-20A Duplex (20A, 12A, W/GFCI) 1-NEMA L5-30R (30A, 120V, Twist Lock) 1-NEMA L14-20R (30A, 120/240, Twist Lock)
Engine Models	GX160	GX240
Max. HP	5.5 (3600RPM)	8.0 (3600RPM)
Fuel Tank Capacity (gal.)	6.6	6.6
Running Time (Rated Load/ 1/2 Load)	11.9/16.6	11.4/16.4
Starting System	Recoil	Recoil
Noise Level (Rated Load)	64dB	68dB
Shipping Weight (lbs.)	102	157

	TPG3-6000HDX	TPG3-7000HDX TPG3-7000HDXE
Max. Rated Output (watt)	6000/5000	7000/6000
Max. Rated Current (120, 240V)	50/40, 25/20	58.3/50, 29.2/25
Voltage (V)	120/240 (60Hz)	120/240 (60Hz)
AC Output Receptacles	2-NEMA 5-20A Duplex (20A, 12A, W/GFCI) 1-NEMA L5-30R (30A, 120V, Twist Lock) 1-NEMA L14-20R (30A, 120/240V, Twist Lock)	
Engine Models	GX340	GX390
Max. HP	11.0 (3600RPM)	13.0 (3600RPM)
Fuel Tank Capacity (gal.)	6.6	6.6
Running Time (Rated Load/ 1/2 Load)	8.5/11.2	7.9/11.8
Starting System	Recoil	Recoil (HDX), Electric (HDXE)
Noise Level (Rated Load)	72dB	78dB
Shipping Weight (lbs.)	176	185 (HDX), 191 (HDXE) Battery not included.

	TPG-11000HDXE
Rated Output (1ph)	10500
Max. Output (1ph)	11500
Receptacle (amperage rating and plug types)	2-NEMA 5-20R Duplex (20A, 120V, W/GFCI) 1-NEMA L5-30R (30A, 120V, Twist Lock) 1-NEMA L14-30R (30A, 120/240V Twist Lock) 1-NEMA L14-50R (50A, 120/240V Twist Lock)
Fuel Tank Capacity (gal.)	9.75
Engine	Honda GX630
HP @ rated speed	20.2HP
Noise Level (dB)	75 (reference data)
Weight (lbs.)	433

*Specification subject to change *Wheel Kit is optional

TSURUMI Parts & Accessories

Automatic Float Switches



Our TS series mechanical float switches are UL & CSA approved. The piggy-back style float switch allows fast and easy installation of your manual Tsurumi pump in applications requiring automatic operation.

Hoses & Suction Strainers



A range of suction and discharge hoses, as well as strainers for dewatering or trash applications, are available.

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Sand Kit



Turn your NK Series dewatering pump into a sand/aggregate pump with the addition of our sand kit to your order. Our sand kit helps suspend the sand and solids that you sometimes encounter on what should have been a routine dewatering application.

Residue Kit



An inexpensive option to our 1/2 hp HS Series pump, the residue kit allows you to pump down water to 1/4 of an inch. Simply remove the original strainer, nuts, and bolts and replace them with the residue plate and packaged hardware.

Wheel Kit & Lifting Bail



Wheel Kit PGWK-200 (left) / PGWK-11K (right)

[PGWK-200]

TPG3 Series Generator & Gas Engine Pumps

[PGWK-11K] TPG-11000HDXE

[PGLB-1] Lifting Bail for all of TPG3 Generators



Lifting Bail

For All Generators, and Gas Engine Pumps.

Heavy-duty and easy to install our wheel kits and lifting bails fit all of Tsurumi Generators and trash pumps.

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Control Panels



For NK, KTZ, LH, and LHW Series

MANUAL CONTROL PANEL INCLUDES:

- Manual Simplex Operation
- Nema 4X, Lockable Fiberglass Enclosure
- IEC Contactor
- Hand/Off Selector Switch
- UL Listed
- Cable Grips In Control Panel

AUTOMATIC CONTROL PANEL INCLUDES:

- Automatic or Manual Simplex Operation
- Nema 4X, Lockable Fiberglass Enclosure
- IEC Rated Magnetic Contactor
- Hand/Off Auto Selector Switch
- UL Listed
- Includes (2) 20 Ft. Mechanical Float Switches
- Cable Grips In Control Panel

Inverter Panels are available for LHW and KTZ series Single Phase operation

The pump technology that the world trusts.



Tsurumi introduced its international strategy in the 1960s. Our technical capabilities gained recognition first in Asia in the 1970s and then in the United States and Europe in the 1980s.

Following the initial steps, our international division successfully penetrated many worldwide markets including: construction, civil engineering, mining, industrial, wastewater, sewage treatment, and flood control.

Today Tsurumi has expanded its base of operations and is active in 45 countries and regions.

In addition to supporting a variety of work sites, our high-performance pump products are widely used in large-scale national projects, where they surpass expectations. Reliable performance is our first priority.

 **TSURUMI PUMP** For Sales, Service, and Specifications, call:
1-866-449-6484

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