



Pocket Guide
Engine Pumps

Tsurumi Manufacturing Co., Ltd.

Tsurumi Manufacturing Company, Limited was founded in Osaka in 1924. Since the foundation, Tsurumi has consistently devoted its efforts to the creation and development of advanced water utilization technologies. Tsurumi has also innovated the pump manufacturing technologies in a constant pursuit of new opportunities and new fields that contribute to the advancement of our society and environment. This effort epitomizes its management policy "Dedicated to pursuing close communication between people and water through innovative creation and respect for harmony with nature."

Production Bases

Kyoto Plant production facility boasts industry-leading scale and equipment, including extensive testing and research facilities. Its integrated system encompasses all product stages from development to production and is capable of manufacturing small, large, and special-purpose pumps having the capacity of 1,000,000 unit a year.

Yonago Plant in Tottori Prefecture specializes in development and production of large pumps for pumping stations and liquid-ring vacuum pumps. Tsurumi also operates cutting-edge plants in Taiwan, China and Korea that are capable of mass-producing products with short lead times. All plants work together to form a highly efficient production system.

Global Operations

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

Following these initial successes, we sought to accelerate the overseas strategy through our International Sales Division. Remarkable successes in fields including construction, civil engineering, mining, power plant, industrial wastewater, domestic wastewater, sewage treatment, flood control, facilities designed to bring people into closer contact with water, and scenery creation have proven Tsurumi's creativity and capability to the world.



Overseas Subsidiaries

EUROPE

Tsurumi (Europe) GmbH

FRANCE

Tsurumi FRANCE

Tsurumi POMPELOCATION

SPAIN

Tsurumi ESPANA

BELGIUM

Tsurumi BELGIUM

SWEDEN

Tsurumi-Intec Pumps

U.S.A.

Tsurumi (America), Inc.

U.A.E. (Arabes Unis)

Tsurumi Pump Middle East FZE

South Africa

Tsurumi Pumps Africa

Thailand

Tsurumi Pump (Thailand) Co., Ltd.

Singapore

Tsurumi (Singapore) Pte. Ltd.

Malaysia

Tsurumi Pump (M) Sdn. Bhd.

Indonesia

Pt. Tsurumi Pompa Indonesia

Hong Kong

H&E Tsurumi Pump Co., Ltd.

China

Shanghai Tsurumi Pump Co., Ltd.

Taiwan

Tsurumi Pump Taiwan Co., Ltd.

Korea

Tsurumi Pump Korea Co., Ltd.

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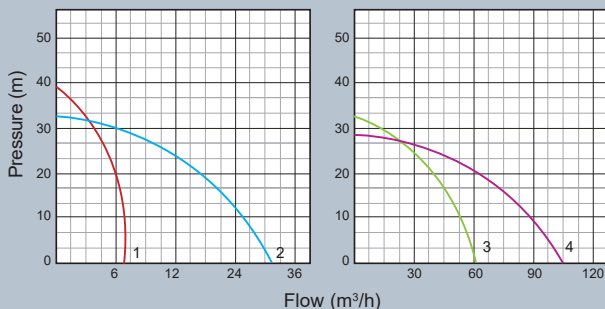
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Gasoline

Clear water

TEM/ TE

The TEM and TE series are self-priming engine pumps ranges up to 7 m for clear or light water. Equipped with a Honda 4-stroke gasoline engine, they are light and compact. Ideal for watering, irrigation, low pressure washing or transfer of large volumes.



TEM 25 H



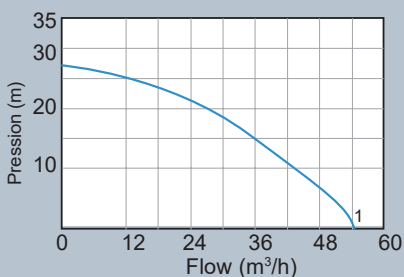
TE2 100HA

Models	TEM 25 H	TET2 50 HA*	TE4 80 HA*	TE2 100 HA*
Engine	GX25	GX120U1	GX160U1	GX240U1
hp	1,8	4	5,5	8
Autonomy	1h30	2h10	2h20	3h00
Ø S/D (mm)	25	50	76	100
Particle size (mm)	2	7	7	7
Max flow (m³/h)	7,2	31,2	60	108
Max pressure (m)	40	32	32	28
Best efficiency (m³/h at m)	6 at 20	18 at 20	47 at 15	75 at 15
Weight	5,5	24	29,5	50
Carton box dimensions	36x24x30	49x38x38	55x39x45	65x47x62
Curve	1	2	3	4

* (HA) Models equipped with oil warning system

The TE serie is a self-priming engine pumps range up to 7 m for clear or light water. Equipped with a Yanmar diesel engine compliant with current standards, they are light and compact.

Ideal for watering, irrigation, low pressure washing or transfer of large volumes.



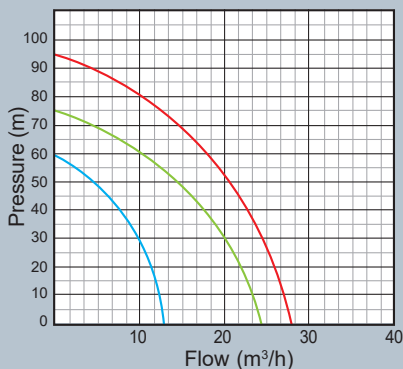
TE3 80YD

Models**TE3 80 YD**

Engine	L48
hp	4,7
Ø S/D (mm)	76
Particle size (mm)	5,5
Max flow (m³/h)	54
Max pressure (m)	28
Best efficiency (m³/h at m)	36 at 15
Weight	42
Carton box dimensions	62 x 44 x 55
Curve	1

TEF / TEW

The TEF / TEW series are self-priming engine pumps ranges up to 7 m, high pressure. Equipped with a Honda 4-stroke gasoline engine, they offer up to 9.5 bars of pressure. Ideal for high pressure washing and fire prevention.



TEF 25 HA



TEF3 50 HA



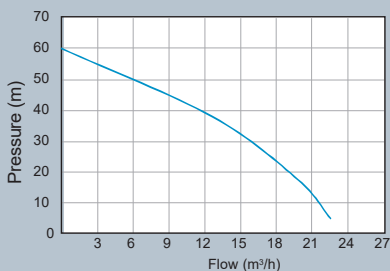
TEW2 50 HA

Models	TEF 25 HA*	TEF3 50 H	TEF3 50 HA*	TEW2 50 HA**
Engine	GXH50	GX160U1	GX160U1	GX270
hp	2,4	5,5	5,5	9
Autonomy	2h30	2h20	2h20	2h20
Ø S/D (mm)	25	50/40-25	50/40-25	50/40-25
Particle size(mm)	0,5	0,5	0,5	0,5
Max flow (m³/h)	12,6	24	24	28,8
Max pressure (m)	60	75	75	95
Best efficiency (m³/h at m)	10 at 30	15 at 50	15 at 50	20 at 50
Weight	11,5	32	32	45
Carton box dimensions	42 x 31 x 46	55 x 41 x 49	55 x 41 x 49	64 x 48 x 59
Curve	1	2	2	3

* (HA) Model equipped

** (HA) Model equipped with oil warning system

The TEF3-50YD is a self-priming engine pump high pressure. Equipped with a Yanmar diesel engine compliant with current standards, it offers up to 6 bars of pressure. Ideal for high pressure washing and fire prevention.



TEF3 50YD

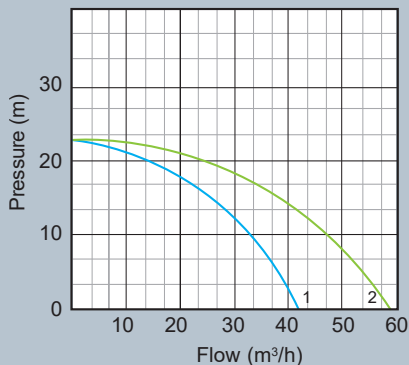
Model	TEF3 50YD
Engine	L70V6
hp	6.4
Autonomy	2h40
Ø S/D (mm)	50 / 40-25
Particle size(mm)	0,5
Max flow (m³/h)	24
Max pressure (m)	60
Best efficiency (m³/h at m)	12 at 40
Weight	49
Carton box dimensions	63 x 45 x 61
Curve	

Gasoline

Loaded water

TDS

The TDS serie is a self-priming engine pumps range up to 7 m, SEMI-TRASH for loaded water. Equipped with a Honda 4-stroke gasoline engine with oil warning system, it is light and compact with a particle size of 20 mm. Ideal for drainage, flooding and emptying of pits.



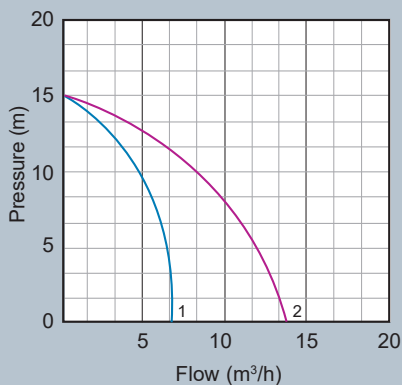
TDS2 50HA



TDS2 80HA

Models	TDS2 50HA	TDS2 80HA
Engine	GX120U1	GX160U1
hp	4	5,5
Autonomy	2h10	2h20
Ø S/D (mm)	50	76
Particle size(mm)	20	20
Max flow (m³/h)	42	60
Max pressure (m)	23	23
Best efficiency (m³/h at m)	33 at 10	46 at 10
Weight	25	31
Carton box dimensions	48 x 36 x 42	53 x 43 x 43
Curve	1	2

The TD serie is a diaphragm self-priming engine pumps range up to 8 m. Equipped with a Honda 4-stroke gasoline engine with oil warning system, it is light and compact with a particle size of 40 mm. Ideal for pumping viscous or greasy fluids.

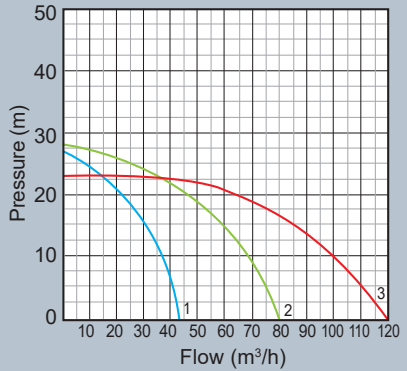


TD 300 HA

Models	TD 200 HA	TD 300 HA
Engine	GX120	GX160
hp	4	5,5
Autonomy	2h00	2h30
Ø S/D (mm)	50	76
Particle size(mm)	40	40
Max flow (m³/h)	7,2	14,4
Max pressure (m)	15	15
Best efficiency (m³/h at m)	5 at 10	7,5 at 10
Weight	42	45
Carton box dimensions	65 X 75 X 68	66 x 42 x 51
Curve	1	2

TED

The TED serie is a self-priming engine pumps range up to 7 m, TRASH for very loaded water. Equipped with a Honda 4-stroke gasoline engine with oil warning system and a chromium cast iron impeller, it offers a particle size up to 35 mm. Ideal for pumping on construction sites, quarries and mines.



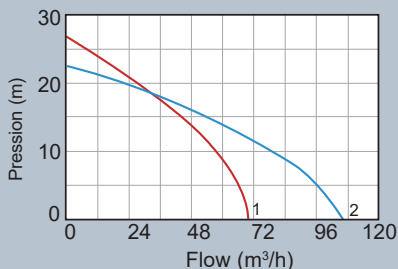
TED2 50 HA

Models	TED2 50HA	TED2 80HA	TED2 100HA
Engine	GX160U1	GX240U1	GX340U1
hp	5,5	8	10
Autonomy	2h30	3h15	2h35
Ø S/D (mm)	50	76	100
Particle size(mm)	25	35	35
Max flow (m³/h)	42	81,6	120
Max pressure (m)	27	28	23
Best efficiency (m³/h at m)	35 at 10	70 at 10	100 at 10
Weight	38,6	56	76,4
Carton box dimensions	64 x 43 x 49	72 x 54 x 67	76 x 51 x 68
Curve	1	2	3

EPT3

10-11

The EPT3 serie is a self-priming engine pumps range up to 7 m, TRASH for very loaded water. Equipped with a Yanmar diesel engine compliant with current standards and a chromium cast iron impeller, it offers a particle size of 31 mm. Ideal for pumping on construction sites, quarries and mines.



EPT

Models	EPT3-80YD	EPT3-80YDE (*)	EPT3-100YD
Engine	L70	L70	L100
hp	6,7	6,7	10,1
S/D (mm)	76	76	100
Particle size (mm)	31	31	31
Max flow (m ³ /h)	69	69	105
Max pressure (m)	27	27	23
Best efficiency (m ³ /h at m)	57 at 10	57 at 10	80 at 10
Weight	75	75	91
Carton box dimensions	72 x 54 x 66	72 x 54 x 66	72 x 54 x 66
Curve	1	1	2

* (YDE) Electrical Start Model