

ELASTEC Pumps



Oil Spill Equipment | Floating Barriers | Incinerators

Hydraulically Driven Submersible



E150

The ELASTEC E150 is a lightweight hydraulically driven submersible pump that is ideal for recovered oil transfer operations as well as other duties. The pump is constructed with low weight and power consumption in mind.

ES400

The ELASTEC ES400 is a highly versatile and robust helical screw pump that is capable of handling a wide variety of liquids including heavy and contaminated oils. The newly designed chrome carbide coated impeller and volute is coupled with a lightweight casing. This pump is able to generate high discharge pressure and flows.

Model	E150	ES400
Motive Power	Hydraulic	Hydraulic
Pump Type	Centrifugal	Screw
Coupling Size	2, 3 or 4 inch	3 or 4 inch
Capacity	180 gpm / 40 m ³ /hr	520 gpm / 118 m ³ /hr
Suction Lift	Submersible	Submersible
Head	48 psi / 3.5 bar	81 psi / 5.6 bar
Solids	3/4 inch / 18 mm	1.5 inch / 38 mm
Materials (Housing/Internals)	Alloy Body	Alloy Body, chrome carbide coated impeller and volute
Weight	20 lb / 9 kg	47 lb / 21 kg
Temperature Range	5° to 140° F / -15° to 60° C	5° to 140° F / -15° to 60° C

Applications

Lightweight, Submersible, Dry Running, can handling variety of liquids and oils. Low maintenance

Diesel Driven Diaphragm



Self-Priming Diaphragm Pump

Elastec diesel driven diaphragm pumps feature a 2-stage, 44 to 1 gear reduction with a large diameter output gear and heavy duty ball bearing construction. These pumps are designed to pump oily water, sludges, mud, slurry sewage and thick liquids that have the ability to flow.

Model	Self-Priming Diaphragm Pump
Motive Power	Diesel
Pump Type	Diaphragm
Coupling Size	3 inch
Capacity	90 gpm / 20m ³ /hr
Suction Lift	Submersible
Head	10 psi / 0.7 bar
Solids	1½ inch / 35 mm
Materials (Housing/Internals)	Aluminum body, Santoprene diaphragm
Weight	205 lb / 93 kg
Temperature Range	Max 180°F / 82° C

Applications

Lightweight, Submersible, Dry Running, can handling variety of liquids and oils. Low maintenance

Diesel Driven Peristaltic



E110

The ELASTEC E110 Peristaltic pump can transfer a wide variety of liquids and oils without emulsification of oil and water mixtures. The pump is able to run dry and generate suction. The E110 is ideal for abrasive and shear sensitive liquids, it has a gentle pump action. It can pump media with entrained solids.

Model	E110
Motive Power	Diesel
Pump Type	Peristaltic
Coupling Size	2 inch
Capacity	110 gpm / 26 m ³ /hr
Suction Lift	20 ft / 6 m
Head	30 psi / 2 bar
Solids	0.31 inch / 8 mm
Materials (Housing/Internals)	Aluminum Body, Nitrile Hose
Weight	235 lb / 107 kg
Temperature Range	5° to 140° F / -15° to 60° C

Applications

Dry running, good suction lift. Able to handle abrasive and shear sensitive liquids. Gentle pump action.

Gasoline Driven Centrifugal



Shoremax Water Pump

A lightweight portable water pump for rapid filling of the twin water ballast chambers on the ShoreMax boom (or other water transfer duties).

Model	Shoremax Water Pump
Motive Power	Gasoline
Pump Type	Centrifugal
Coupling Size	2 inch
Capacity	200 gpm / 45 m ³ /hr
Suction Lift	20 ft / 6 m
Head	52 psi / 3.6 bar
Solids	3/8 inch / 9 mm
Materials (Housing/Internals)	Polypropylene body
Weight	62 lb / 28 kg
Temperature Range	32° to 150° F / 0° to 65° C liquid handling range

Applications

Lightweight portable water pump. For flushing, filling Shoremax boom

Diesel Driven Centrifugal



E370

The Elastec E370 is a high volume lightweight all purpose trash pump suitable for a variety of applications - liquid transfer, flushing, dewatering.



E16

The E16 is a self-priming centrifugal pump driven by a powerful diesel engine mounted in a portable frame with wheels, ideal for site work (dewatering, transfer of liquids).



E600

The E600 is a diesel driven high flow water pump that can be used for a variety of roles including fire fighting, water transfer, dewatering and liquid transfer.

Model	E370	E16	E600
Motive Power	Diesel Driven	Diesel Driven	Diesel Driven
Pump Type	Centrifugal	Centrifugal	Centrifugal
Coupling Size	3 inch	3 inch	4 inch
Capacity	340 gpm / 77 m ³ /hr	320 gpm / 73 m ³ /hr	870 gpm / 197 m ³ /hr
Suction Lift	20 ft / 6 m	25 ft / 7.5 m	N/A
Head	43 psi / 2.9 bar	64 psi / 4.4 bar	116 psi / 8 bar
Solids	1.5 inch / 38 mm	0.625 inch / 16 mm	N/A
Materials (Housing/Internals)	Aluminum body, iron impeller	Cast Iron body, 6 inch dia. five blade SS impeller	Cast Iron body & impeller, bronze wear ring, seal
Weight	157 lb / 71 kg	640 lb / 290 kg	2,084 lb / 946 kg
Temperature Range	5° to 140° F / -15° to 60° C	5° to 140° F / -15° to 60° C	5° to 140° F / -15° to 60° C

Applications

Liquid transfer, flushing, dewatering. Good solids handling.

High capacity seawater pump for Fireboom, flushing, firefighting

Diesel Driven Lobe



Lobe Pump

The Elastec Lobe pump is a heavy duty diesel driven pump set, the lobe pump is capable of handling solids and viscous materials. For industrial or oil spill applications up to for product transfer such as filling and emptying trucks and transferring slurry between pits.

Model	Lobe
Motive Power	Diesel
Pump Type	Positive Displacement, Lobes
Coupling Size	4 inch
Capacity	198 gpm / 45 m3/hr
Suction Lift	25 ft / 7.5 m
Head	58 psi / 4 bar
Solids	1.9 inch / 48 mm
Materials (Housing/Internals)	Cast Iron, NBR coated cast iron lobe
Weight	538 lb / 244 kg (with engine)
Temperature Range	N/A

Applications

Dry running, solids handling, high viscosity capable

Air Operated Diaphragm



E1

Elastec offers a 1 inch diaphragm pump with our drum skimmers. Diaphragm pumps can self-prime, do not typically emulsify recovered oil and can run dry. They are therefore a good match for an oil skimmer.



M4

Elastec offers a 1 1/2" inch diaphragm pump with our drum skimmers. Diaphragm pumps can self-prime, do not typically emulsify recovered oil and can run dry. They are therefore a good match for an oil skimmer.



M8

Elastec offers a 2 inch diaphragm pump for us with our drum skimmers or for other pumping applications. Diaphragm pumps can self-prime, do not typically emulsify recovered oil and can run dry.

Model	E1	M4	M8
Motive Power	Pneumatic	Pneumatic	Pneumatic
Pump Type	Diaphragm	Diaphragm	Diaphragm
Coupling Size	2 inch	2 inch	2 inch
Capacity	37 gpm / 8 m ³ /hr	81 gpm / 18 m ³ /hr	139 gpm / 32 m ³ /hr
Suction Lift	18 ft / 5.5 m	19 ft / 5.8 m	29 ft / 8.8 m
Head	125 psi / 8.6 bar	125 psi / 8.6 bar	125 psi / 8.6 bar
Solids	1/8 inch / 3 mm	3/16 inch / 4.8 mm	3/4 inch / 19 mm
Materials (Housing/Internals)	Aluminum, PE or Stainless body. Buna, Neoprene, Viton or PTFE Diaphragms / Ball Valves		
Weight	18 lb / 8.3 kg	38 lb / 17.5 kg	70 lb / 32 kg
Temperature Range	10° to 150° F / -12° to 65° C	10° to 150° F / -12° to 65° C	10° to 150° F / -12° to 65° C

Applications

Self priming, non emulsifying, dry running, non-sparking

Air Operated Diaphragm



ATEX

Elastec offers a 1 inch diaphragm pump with ATEX rating. ATEX stands for atmosphères explosibles. It's a European Union directive from the European Committee for Standardization that covers "equipment and protective systems intended for use in potentially explosive atmospheres."

Model	ATEX
Motive Power	Pneumatic
Pump Type	Diaphragm
Coupling Size	2 inch
Capacity	54 gpm / 12 m ³ /hr
Suction Lift	29.5 ft / 9 m
Head	125 psi / 8.6 bar
Solids	1/4 inch / 6.4 mm
Materials (Housing/Internals)	Aluminum Body, Buna conductive diaphragms, Buna Balls and O rings
Weight	68 lb / 31 kg
Temperature Range	10° to 150° F / -12° to 65° C

Applications

Self priming, non emulsifying, dry running, non-sparking



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