



**ELGIN**  
SEPARATION SOLUTIONS

# Submersible Feed Pumps

With over 25 years of experience in designing and manufacturing reliable process equipment, Elgin recognizes the need for reliable and efficient submersible feed pumps. Elgin's line of solids-handling pumps have been designed to reliably handle a myriad of solids-laden fluids with minimal maintenance. Elgin offers a 400, 600, 800, and 1500 gpm model.



### Hose Coupling

Each pump is fitted with a cast iron hose coupling connector.



### Cable Protection

Each pump comes standard with electric cable coupling to prevent power separation from pump.

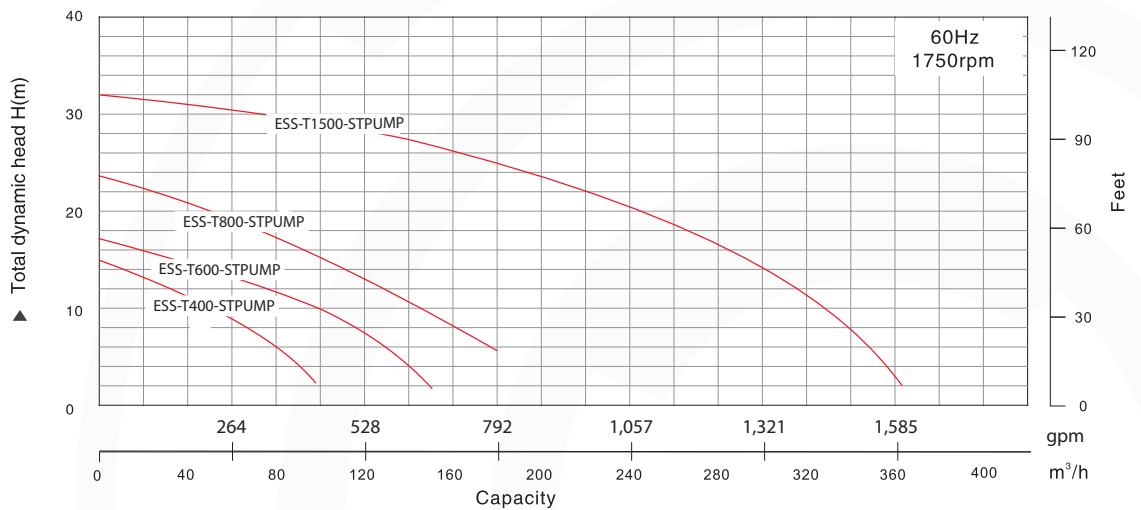


### Rugged Design

Designed for heavy-duty applications, Elgin pumps feature a steel strainer and high chrome alloy plated impeller, agitator and inlet plate.

Based on one of the industry's most field-proven pump configurations, Elgin's line of submersible solids-handling pumps offer a trouble-free, non-clogging design with top discharge port for heavy-duty applications. Featuring a cast iron structure with steel strainer, high chrome alloy impeller and agitator, easy access oil maintenance port and power cable safety chain coupling. Safety features include 'Circle Thermal Protector' and 'Motor Coil Protection' that shut the pump down in event of motor overheating.

## Performance Curves



Model	Outlet	Motor power		Max head	Max capacity	Solid Size	G.W
	in/mm	kW	HP	Feet	GPM	in/mm	Lbs
ESS-T400-STPUMP	3" / 76	6	5	48	450	1 / 30	249
ESS-T600-STPUMP	4" / 102	6	7.5	54	620	1 / 30	343
ESS-T800-STPUMP	6" / 152	9	10	77	766	1 / 30	406
ESS-T1500-STPUMP	8" / 203	22	20	110	1585	1 / 30	926

