



PRAKASH

Worldwide

Quality, Reliability, Life

SEWAGE CUTTER PUMP



Sewage Cutter Pump

Description

Sewage cutter pump is design to handle large concentration of solids and/or tougher solids that conventional sewage pumps cannot handle. It provides clog-free operation by macerating those solids that might clog other types of submersible pumps.

Application

- Scum pumping at waste water treatment plant
- Municipal projects
- Industrial packaged pump station
- Home and domestic application (Special for kitchen)
- Pumping agricultural manure (dairy, hog and poultry)



Specification

- Maximum immersion depth: 5m
- Water temperature: Upto 40°C
- Power supply: Single phase —220V $\pm 10\%$ / 50Hz;
- The pH scope should be 4~ 10
- Maximum density of Tran's medium is $1.2 \times 10^3 \text{ kg/m}^3$.
- Viscosity of trans medium is 7×10^{-7} — $23 \times 10^{-6} \text{ m}^2/\text{s}$;

Function & Feature

Submersible pump with cutter is an ideal machine for draining sewage. A high-speed rotating cutter is assembled at the inlet hole of the pump, make it easy to cut off long-fiber and firm sundries contained in the sewage, so as to avoid the impeller is blocked by the entanglement.

The protector in the motor can automatically cut off the power when it overheated or overloaded, thus guarantee the security and reliability of pump's running even in the atrocious environment.

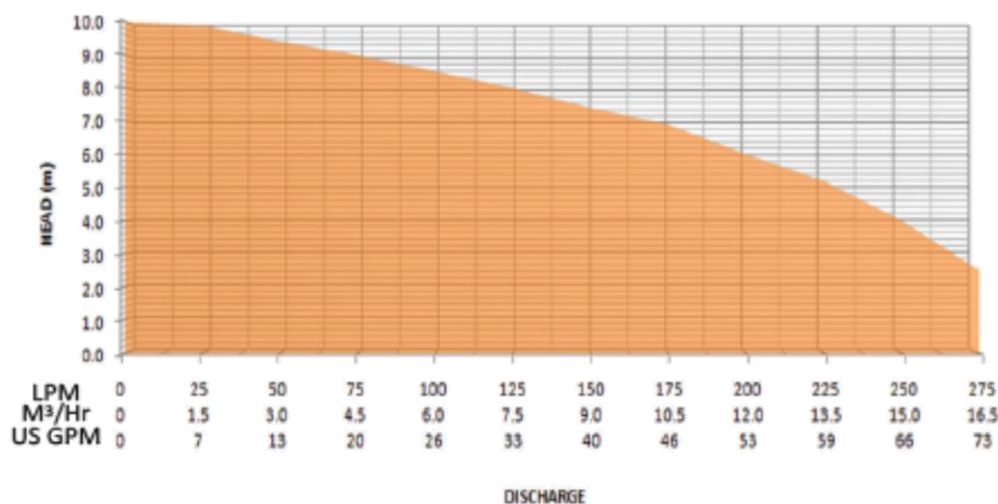


Hydraulic performance chart & curve

Model: PSCP10-16-0.75F

Power		Outlet inch	Flow	Usgpm	0	7	13	20	26	33	40	46	53	59	66	73
Kw	Hp			M³/h	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15	16.5
				LPM	0	25	50	75	100	125	150	175	200	225	250	275
0.75	1	2	Head - M		10	9.9	9.4	9.0	8.5	8.0	7.4	6.9	6.0	5.2	4.0	2.5

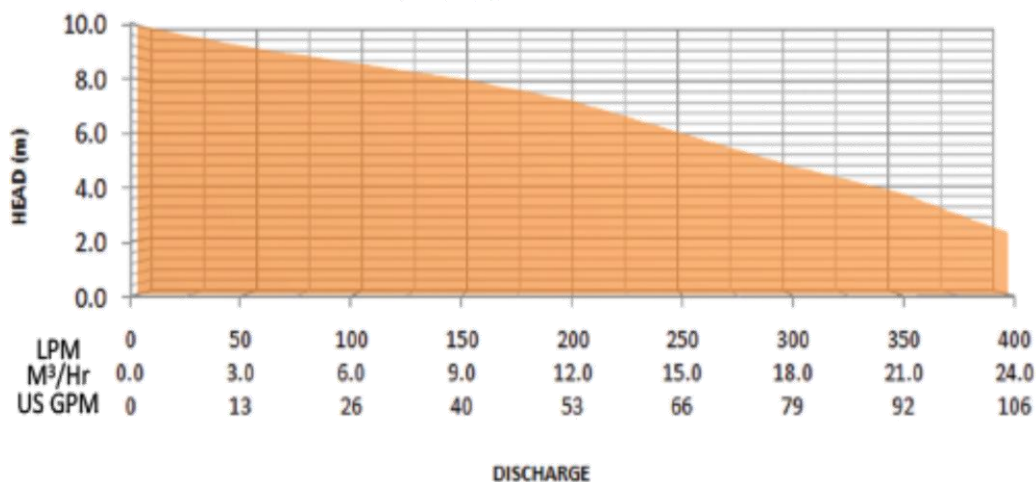
■ PSCP10-16-0.75F



Model: PSCP10-24-1.5F

Power		Outlet inch	Flow	Usgpm	0	13	26	40	53	66	79	92	106
Kw	Hp			M³/h	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
				LPM	0	50	100	150	200	250	300	350	400
1.5	2	2.5	Head - M		10	9.2	8.6	8.0	7.2	6.0	4.8	3.8	2.3

■ PSCP10-24-1.5F





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The Company reserves the rights to modify the technical specification and instructions without prior notice.