

SELF PRIMING PUMPS

CSP range pumps are designed for handling chemicals, effluents, sewage, and ash-water. Suitable for dewatering foundations, trenches, pits, basements, infra/construction sites and water logging/flood-affected areas.

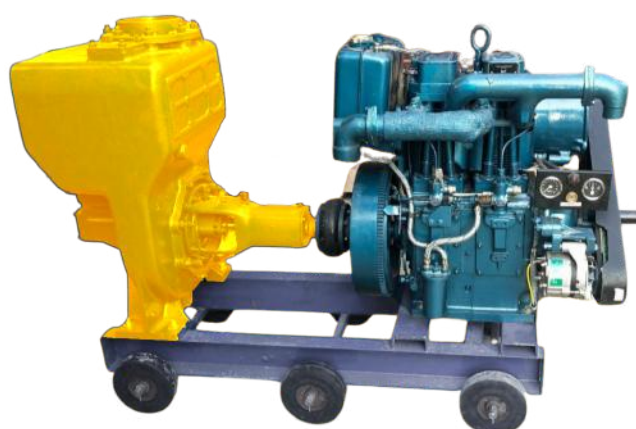
At Cosmos, we understand pumps, their application, and most importantly, the people using them. We have a complete range of diesel and electric-driven pumps that offer durability and long life. The modular design delivers flexibility in packaging and, easy servicing of worn components means less downtime and more pumping without stopping.

Pump Specifications

Capacity	Upto 270m ³ /hr
Suction x Discharge	Upto 150mm x 150mm
Max. Suction lift	6 mtr.
Max. Solid handling	Upto 40mm
Head	Upto 28mtr.
Engine	Upto 30 HP DA Series Engine - Kirloskar
Motor	Upto 30 HP - 4 Pole ABB/KBL/CGL/BBL

Features and Benefits

- **Self-Priming Operation:** Eliminates the need for a foot valve or priming pump, ensuring faster and easier start-up every time.
- **Overload Protection:** Engineered to prevent motor overload even at lower heads, reducing the risk of motor failure and cutting down maintenance costs.
- **Dynamically Balanced Assembly:** Ensures minimal vibration, protecting internal components and maintaining smooth, reliable performance.
- **Maintenance-Friendly Design:** Simplified construction with interchangeable parts allows easy servicing even in remote areas by semi-skilled personnel.
- **Replaceable Wear Parts:** Easy access to replaceable components simplifies maintenance and extends the pump's service life.
- **Non-Clog Impeller:** Designed to handle soft solids up to 40 mm, making it ideal for sewage and dewatering tasks.
- **Stable Efficiency Curve:** Delivers consistent efficiency across a wide operating range, enhancing reliability under varying conditions.



Performance Chart

PERFORMANCE CHART FOR "CSP" SERIES, SELF PRIMING, MOTOR OR ENGINE COUPLED PUMPS, AT RATED 1500RPM																		
S. No.	Pump Model	Power Rating HP	Pump Size (mm)	Solid Handling Size (mm)	Total Head in Meters													
			Suc. X Del.		10	12	14	15	16	18	19	20	22	24	25	26	28	
					DISCHARGE IN M ³ /HR													
1	CSP75H	6	80 x 80	16	-	65	55	50	45	30	20	12	-	-	-	-	-	
2	CSP100H	12	100 x 100	19	-	130	125	120	115	100	95	90	80	60	50	45	-	
3	CSP100HH	14	100 x 100	23	-	150	140	135	130	125	115	110	95	80	65	60	35	
4	CSP150H	22	150 x 150	34	245	240	225	225	215	195	185	175	150	120	105	75	-	
5	CSP150HH	26	150 x 150	40	-	280	265	265	245	230	220	210	185	155	140	120	-	



COSMOSMART:- Additional Feature available on demand

MOC

Impeller	Cast Iron/Stainless Steel/Bronze
Delivery Casing	Cast Iron
Shaft	Carbon Steel/Stainless Steel
Shaft Sleeve	Stainless Steel
Sealing	Gland Packed/Mechanical Seal



REAL-TIME LOCATION TRACKER



REAL-TIME PUMP RUNNING DATA



LAST 6 MONTHS PUMP RUNNING DATA



REAL-TIME FUEL CONSUMPTION INFORMATION



RE-FUELING / FUEL THEFT INFORMATION



SERVICE ALERTS TO PREVENT BREAKDOWN

Note: We are manufacturing pumps as per the demand of the customer requirements: Open Impeller pumps, Electric motor driven pumps, with 2/4 wheel types, skid mounted types silenced canopy and MOC according to customer requirements. For pumping range upto flow 3500m³/Hr & head upto 200m.

ASIAN PRESENCE

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