



Sai Pumps & Services



Side Suction Slurry Pumps



Metallic Pumps



PP Pumps



PP Monoblock Pumps



Vertical Glandless Pumps



We give 100% Pumping Solution



Mechanical Seal & Sleeves

Website: www.saipumps.com

ABOUT SAI PUMPS & SERVICES

Sai Pumps & Services is involved in manufacturing of Chemical Process Pumps & Equipments and offering positive solutions to customers needs. Sai Pumps & Services is started by a team of Technocrats, specialist in the application engineering of process pumps and utility pumps for use in various industries. Most of the products supplied, are custom designed for specific applications. Sai Pumps & Services cover a full range of metallic & non- metallic process pumps which comprising of various transfer pumps and process pumps. These pumps are used for applications such as transfer of various kinds of acids, alkalies & solvents and handling of various corrosive & toxic liquids/chemicals.

CUSTOMER SERVICE

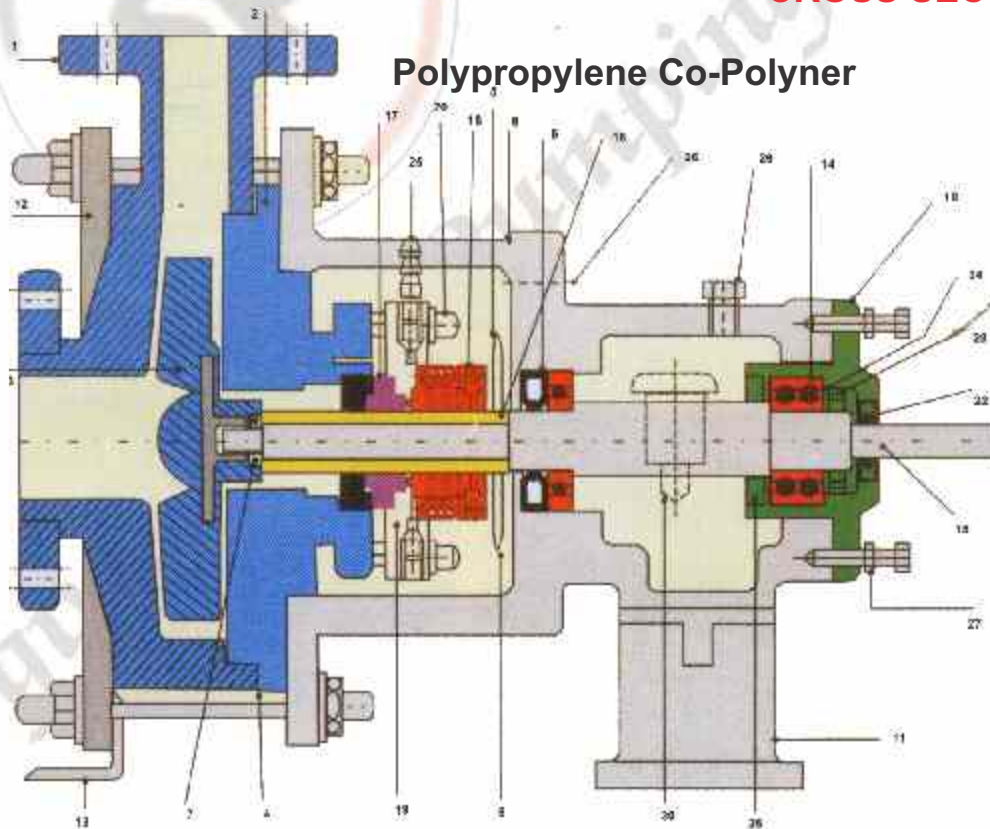
Pumps & Equipments economics are dictated by availability. Customer service is a matter of attitude. Our teams of experienced engineers / technicians are experts in locating trouble sources, finding positive solutions and restoring normal pump/equipment operation fast and efficiently. Sai Pumps & Services offers a complete service package, from pump commissioning, training of operating & Maintenance team and repair services. We are at your site in no time to support you consistently with effective solutions. Sai Pumps & Services see to it that customer's pumps are always running.

QUALITY POLICY

We are committed to

- Satisfy all customers need & expectation with Quality Products.
- Adopt Innovative, Pro-active, Responsive & Caring approach to exceed Customers Expectation and Continuous Improvements

CROSS SECTION



PARTS NAME

Sr. No.	Parts Name	M.O.C.	Sr. No.	Parts Name	M.O.C.	Sr. No.	Parts Name	M.O.C.
1	Volute Casing	Polypropylene	11	Leg for Bearing HSG	C.I.	21	Tie Rod With Nut	SS 316
2	Back Plate	Polypropylene	12	Cage Ring	MS	22	Outboard Oil Seal	NEOPRENE
3	Impeller	Polypropylene	13	Foot Rest	MS	23	Lock Out	MS
4	Pump Packing	P.T.F.E.	14	Bearing	STEEL	24	Star Washer	MS
5	Deflator	PP	15	Bare Shaft	EN8	25	Cooling Nipple	PP/BR
6	In Board Oil Seal	NEOPRENE	16	Sleeve	CER	26	Bolt for Adaport	MS
7	'O' Ring	P.T.F.E.	17	Mating Ring	CER	27	Bolt Bearing Cover	MS
8	Adaptor	C.I.	18	Rotary Seal	GFT	28	Circlip	MS
9	Bearing Hsg.	C.I.	19	Locating Flange	HYLAM	29	Oil Plug	MS
10	Bearing Cover	C.I.	20	Stud for Locating Flange	SS 316	30	Oil Level Ind.	GLASS

METALLIC PUMPS

Investment Cast Centrifugal Pumps ANSI B 73.1 m:-
All these pumps follow the ANSI pump dimension as well as the ASA 150 flange dimension with raised faces. The pumps are offered in various materials like Cast Steel, SS304 (CF8) SS316L (CF3M), Alloy20, Hastelloy - B&C, and CD4MCu etc.

Design Features:

- Back Pull - out Design
 - Partially Open Impeller
- Max Head:** Up to 50 MWC
Max Capacity: 100M³ / hr.



NON - METALLIC PUMPS



Solid Moulded Polypropelene Pumps:-
Molded PP Pumps have gained wide acceptance by Chemical Industry for handling of corrosive media and ideal choice for handling of acids and alkalis. The pump incorporate robust design to handle corrosive fluids including corrosive slurries.

Application: Permits application with corrosive media upto 70° C temperature.

Max Head: Up to 50 MWC

Max Capacity: Up to 50 M³ / hr.

VERTICAL PUMP

Sp-Vgp pumps are used for continuous operations like

- Scrubbing
- ETP Liquid Transfer
- Acidic Slurry Filtration



SIDE SECTION PUMP



SP-SSP-Series pumps are designed for slurry applications like

- Slurry Filter
- Slurry Transfer
- Ejector etc...

END SUCTION PUMPS PERFORMANCE TABLE AT - 1440 RPM

Model	Suction Size	Diascharge	Impeller Dia	HP	RPM	Head in mtr. / Capacity in m3 / hour					
SP-PP-50R	40	40	195	2HP	1440	13/00	12/5	11/10	10/15	9/20	8/24
SP-PP-50	75	40	205	3HP	1440	14/00	13/5	12/15	11/20	10/25	9/30
SP-PP-55	75	50	212	5HP	1440	16/00	15/5	14/14	12/25	10/35	8/45
SP-PP-50	50	50	220	5HP	1440	17.6/00	17/16	15/25	13/30	11/40	8/48
SP-PP-100R	75	50	250	15HP	1440	24/00	23/40	21/60	20/80	16/100	13/115
SP-PP-100	100	75	265	20HP	1440	24.5/00	24/65	22/90	19/135	18/150	15/170
SP-PP-150R	100	75	315	40HP	1440	34.5/00	34/50	33/105	31/125	28/165	22/250
SP-PP-150	150	100	320	50HP	1440	35/00	34/50	31/190	29/240	26/280	25/300

END SUCTION PUMPS PERFORMANCE TABLE AT - 2880 RPM

Model	Suction Size	Diascharge	Impeller Dia	HP	RPM	Head in mtr. / Capacity in m3 / hour					
SP-PP-120	40	40	120	2HP	2880	18/00	16/08	15/12	12/20	10/24	00/00
SP-PP-130	40	40	150	3HP	2880	23/00	20/08	18/12	15/18	12/24	08/30
SP-PP-160R	40	40	142	3HP	2880	24/00	22/03	20/10	18/12	15/18	10/26
SP-PP-160	75	40	160	5HP	2880	31/00	26/12	25/15	20/25	15/30	10/35
SP-PP-170R	50	50	160	5HP	2880	32/00	30/10	25/18	22/24	18/30	15/35
SP-PP-170	75	50	160	7.5HP	2880	35/00	32/15	30/25	25/32	20/38	12/50
SP-PP-40	50	40	190	12.5HP	2880	49/00	45/04	40/15	35/25	30/42	25/45
SP-PP-50	50	50	200	15HP	2880	62/00	60/12	59/20	55/32	50/50	55/45
SP-PP-75	75	50	185	20HP	2880	47/00	45/25	43/60	40/75	35/90	30/105

INDUSTRY SERVED

- Steel
- Textile
- Pulp & Paper
- Pesticides
- Dyes & Intermediates
- Sugar & Cement
- ETP
- Fine Chemicals & Basic Drugs
- Chemical
- Refinery
- Pharmaceuticals
- Electronic
- Power Generation
- Anodizing

CONTACT DETAILS



Sai Pumps & Services

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