

# INDUSTRIAL PUMPS



SEWAGE SUBMERSIBLE



SUBMERSIBLE SLURRY & SLUDGE



SUBMERSIBLE DEWATERING



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# SEWAGE SUBMERSIBLE PUMP



ASP Portable sewage pumps are designed to handle drainage and light sewage application with robust construction and low maintenance are reliable design.

## TECHNICAL FEATURES

Motor:	Two Pole Construction Duty Squirrel Cage Submersible Type Induction Motor
Insulation Class:	F
Protection:	IP – 68 / Thermal Over Load
Cable:	PVC Insulated Copper Conductor Flexible

## MATERIAL OF CONSTRUCTION

Motor Body:	S.S 202
Pump Casing:	C.I IS 210FG260/S.S 304/S.S 316
Impeller	C.I IS 210FG260/S.S 304/S.S 316
Shaft:	S.S 404
Strainer:	S.S 202
Mech. Seal:	Double Type: SiC Vs SiC/ TC Vs TC
Bearing:	Deep Groove Ball Bearing

## PERFORMANCE TABLE OF ASP SERIES (2880 RPM) 50HZ

MODEL	HP	KW	OUTLET SIZE IN MM	SOLID SIZE IN MM		HEAD IN METERS												
						2	4	6	8	10	12	14	16	18	20	24	28	32
2ASP-1	1	0.75	50	20	F L O W  I N L P M	460	350	310	240	150	70							
2ASP-1.5	1.5	1.1	50	20		550	470	380	330	250	170	90						
2ASP-2	2	1.5	50	25		630	570	480	420	340	250	160						
2ASP-3	3	2.2	50	25			680	590	470	390	310	240	150	100				
2ASP-5	5	3.7	50	25			730	650	570	530	500	410	370	350	210			
3ASP-3	3	2.2	75	30			1050	875	750	610	470	320	140					
3ASP-5	5	3.7	75	30			1230	1160	1690	1020	920	820	700	480				
4ASP-7.5	7.5	5.5	100	48			1440	1800	1640	1400	1140	820	440	300				
4ASP-10	10	7.5	100	50			2200	2120	2000	1840	1600	1320	1000	560	440	300		
4ASP-12.5	12.5	9.3	100	50				2400	2250	1710	1620	1500	1390	1280	1064	650	380	
4ASP-15	15	11.2	100	50			2630	2390	1790	1650	1530	1420	1325	1175	750	550		
4ASP-20	20	15	100	50			2880	2800	2750	2475	2350	2230	2175	2000	1890	1675	1100	

\* Performance are at 2880 RPM/50 Hz and tested with clear water. Specifications are subject to change without prior notice.\*

## APPLICATION

- Construction Dewatering
- Commercial Waste Water
- Dewatering in heavy industries like power, steel, fertilizer, cement
- Effluent handling in chemical and process industries
- Hotel & hospital
- Municipal Sewage and drainage applications
- Rain water Dewatering

## AVAILABLE ON REQUEST

- Voltage: 220 V / AC / 1 Phase (1.0 & to 2.0HP) 50 Hz.
- 415 V / AC / 3 Phase (1.0 & to 20.0HP) 50 Hz
- Float switch in single phase pumps only.
- Agitator and Cutter Model Available on request

# SUBMERSIBLE SLUDGE & SLURRY PUMP



ASL series are designed for pumping for raw sewage, sludge and effluent liquids containing large proportion of solid and fibrous matter. These compactly designed pumps are easy to handle & can be installed permanently with the help of auto coupling in the small sump from where sewage is to be pumped or can be used for portable duty. Being submersible, they don't require any pump house.

## TECHNICAL FEATURES

Motor:	Four Pole continuous duty squirrel cage submersible type induction motor
Insulation Class:	F
Protection:	IP – 68 / Thermal Over Load/Moisture
Cable:	PVC Insulated double Sheathed Copper Conductor Flexible

## MATERIAL OF CONSTRUCTION

Motor Body:	C.I./Alu.Alloy/SS
Pump Casing:	C.I IS 210FG260
Impeller	C.I IS 210FG260/S.S 304/S.S 316
Shaft:	S.S 410 / S.S 431
Strainer:	S.S 202 / S.S. 304
Mech. Seal:	Double Type: TC Vs TC(Pump Side)/SIC vs SIC
Bearing:	Deep Groove Ball Bearing (TOP) Double row angular contact (bottom)

## PERFORMANCE TABLE ASP SERIES (1440 RPM) 50HZ

MODEL	HP	KW	OUTLET SIZE IN MM	SOLID SIZE IN MM		HEAD IN METERS												
						2	4	6	8	10	12	14	16	18	20	22		
4ASL-3	3	2.2	100	40	F L O W	1410	1260	950	800	450	250							
4ASL-5	5	3.7	100	50		1860	1670	1520	1375	1115	840	550	120					
4ASL-7.5	7.5	5.5	100	60			2300	2075	1800	1600	1360	900	630	260				
4ASL-10	10	7.5	100	60			2450	2250	2000	1800	1400	1275	750	350				
4ASL-12.5	12.5	9.3	100	60			2800	2550	2300	2100	1650	1100	830	500				
4ASL-15	15	11.2	100	70			3750	2450	3160	2875	2650	2250	1950	1450	900	300		
6ASL-15	15	11.2	150	100		I N L P M		4400	3850	3300	3000	2550	2100	1690	1200	710		
6ASL-20	20	15	150	100				5580	5150	4930	4450	3960	3500	3000	2300	1600	850	
								6	8	12	16	20	24	28	32	36	40	44
4ASL-20	20	15	100	70					2450	2180	1950	1800	1550	1200	550			
4ASL-25	25	18.7	100	70			2680	2520	1470	2250	2120	1830	1540	1240	760	690		
4ASL-30	30	22.5	100	70			2930	2850	2760	2580	2390	2160	1900	1600	1200	1350	710	
4ASL-35	35	26.2	100	70			3300	3160	2950	2830	2710	2450	2250	2000	1750			
6ASL-25	25	18.7	150	100			5450	5130	4350	3490	2240	620						
6ASL-30	30	22.5	150	100			6000	5680	5100	4350	3120	1580						
6ASL-35	35	26.2	150	100			6450	6200	5630	4850	3950	3130	1640					
						6	10	15	20	25	30	35	45	50	55	60		
6ASL-40	40	30	150	100		6750	6150	5330	4380	3160	2150	700						
6ASL-50	50	37.5	150	100			6500	5950	5340	4380	3550	2480						
6ASL-60	60	45	150	100				6600	6050	5600	5100	4450	3080	2300	1250			

\* Performance are at 1440 RPM/50 Hz and tested with clear water. Specifications are subject to change without prior notice.\*

## APPLICATION

- Handling of industrial abrasive and aggressive slurry
- Untreated sewage containing solid particles
- Clogged drainage holes Flood control

## AVAILABLE ON REQUEST

- Agitator available on request