

Discover your Product
with our Imagination.....

HtechTM
Pumps



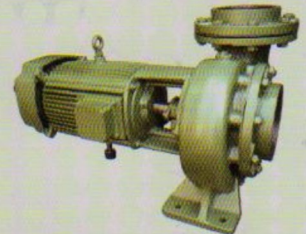
SEWAGE SUBMERSIBLE PUMP



DEWATERING SUBMERSIBLE PUMP



PORTABLE SUBMERSIBLE PUMP



CENTRIFUGAL MONOBLOCK PUMP



OPEN WELL SUBMERSIBLE PUMP



SELF PRIMING MUD PUMP



SELF PRIMING PUMP



CENTRIFUGAL PUMP

One Stop Solution ...

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Hitech™
Pumps



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MONOBLOCK PUMP



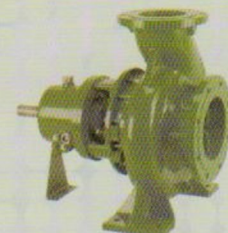
OPEN WELL SUBMERSIBLE PUMP



SELF PRIMING MUD PUMP



SELF PRIMING PUMP



CENTRIFUGAL PUMP

One Stop Solution . . .

Hitech™ DEWATERING DRAINAGE SUBMERSIBLE PUMP SERIES "FD"

Dewatering drainage electric submersible pumps are designed to reach places where other pumps can't go. They are light in weight which makes handling and installation simple. Pump and Motor are fitted on single shaft. Vertical construction motor above and pump below ensure to remove maximum dirty water from the pit. Low Maintenance cost and easy to repair with better life.

TECHNICAL SPECIFICATION

Motor : Two Pole Continuous Duty Squirrel Cage Sub. Type Induction Motor
 Speed : 3000 RPM
 Connection : DOL (STAR DELTA Optional)
 Range : 1.0 H.P. to 50.0 H.P.
 Temp : Ambient (Also available for higher temp. on request)
 Voltage : 220 V, 1 Ph, 50 Hz. (0.75 H.P. to 2 H.P.)
 415 V, 3 Ph, 50 Hz. (0.75 H.P. to 50 H.P.)
 Insulation : Class 'F'
 Protection : IP-68

MATERIAL OF CONSTRUCTION

Motor Body : S.S.202
 Cooling Jacket : S.S.202
 Bypass : C.I. IS 210 FG260
 Shaft : S.S. 410
 Impeller : C.I. IS 210 FG260
 Strainer : S.S.
 Fasteners : S.S.
 Cable : PVC Insulated Double Sheathed Copper Conductor Round Flexible Cable
 Mechanical Seal : TC Vs. TC

Optional MOC Of S.S., Aluminium, Bronze available on Request.

APPLICATION

- Building & Construction
- Underground utilities
- Mining
- Quarries
- Industries
- Tunneling
- Flood relief
- Dry Dock/Off shore
- Power/Steel Plant

AVAILABLE ON REQUEST

Float Arrangement in Single phase pumps

PERFORMANCE TABLE (Speed : 2900 RPM)

MODEL	H.P.	DEL. SIZE	HEAD IN METERS													SHUT OFF	
			2	4	6	8	10	12	14	16	18	20	24	28	32		
FD 121	1.0	50	400	352	304	240	144										12
FD 151.5	1.5	50	800	660	460	160											9
FD 121.5	1.5	50	470	430	385	335	270	180	70								15
FD 152	2.0	50	900	800	625	440											10
FD 122	2.0	50	550	525	485	437	380	312	225	125							18
FD 153	3.0	75	950	880	800	700	600	490	370	260	120						20
FD 123	3.0	50		400	385	370	360	340	325	300	275	250	175	65			30
FD 205	5.0	100		2200	2000	1760	1400	920	200								15
FD 155	5.0	75		1100	1070	1050	1000	930	820	675	590	240					22
FD 125	5.0	50		750	720	690	650	615	580	525	480	420	270	105			30
FD 207.5	7.5	100		2400	2250	2100	1800	1400	800								16
FD 157.5	7.5	75		1375	1305	1250	1180	1125	1045	966	875	750	500	170			30
FD 3010	10.0	150	4200	3900	3600	3200	2700	2000	1200								16
FD 3012.5	12.5	150		4500	4200	3850	3400	2800	2100	1250							18
FD 3015	15.0	150		4500	4250	3950	3650	3350	3000	2600	2200	1800	950				28
FD 3020	20.0	150		5000	4750	4500	4250	4000	3750	3400	3100	2750	2000	1200	400		34
FD 3525	25.0	200			6750	6300	5925	5300	4500	3750	2550	1500					22
FD 3530	30.0	200				7125	6750	6300	5700	5150	4125	3000	675				25
FD 3535	35.0	200				7650	7275	6900	6525	6000	5400	4725	3000				28
				4	8	12	16	20	24	28	32	36	40	45	50	55	
FD 1510	10.0	75		2400	2200	2000	1750	1400	1000	500							32
FD 2010	10.0	100		2400	2200	2000	1750	1400	1000	500							32
FD 2012.5	12.5	100		2500	2350	2150	1950	1700	1400	1000	550						36
FD 2015	15.0	100		2800	2600	2400	2175	1950	1700	1400	1100	750	350				43
FD 2020	20.0	100			2640	2550	2400	2220	2040	1860	1620	1380	1080	660	180		52
FD 2525	25.0	150				3800	3500	3150	2800	2400	2000	1600	1100	450			48
FD 2530	30.0	150				4000	3800	3500	3200	2800	2500	2100	1700	1100	500		54
FD 2535	35.0	150				4400	4200	3900	3650	3300	3000	2600	2200	1650	1050	550	60
				5	10	15	20	25	30	35	40	45	50	55	60	65	
FD 3540	40.0	150		7100	6350	5550	4550	3350	1775								35
FD 3550	50.0	150		8000	7350	6350	5650	4700	3650	2334	1334						45
FD 3040	40.0	150		4200	4000	3770	3550	3310	3000	2640	2300	1850	1350	600			60
FD 3050	50.0	150			4500	4250	4100	3840	3625	3350	3050	2640	2350	1890	1400	700	70

Discover your Product



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Pumps™



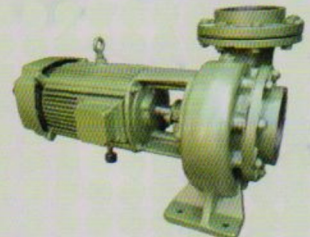
PORTABLE SUBMERSIBLE PUMP



DEWATERING SUBMERSIBLE PUMP



SEWAGE SUBMERSIBLE PUMP



MONOBLOCK PUMP



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SELF PRIMING MUD PUMP



SELF PRIMING PUMP



CENTRIFUGAL PUMP

One Stop Solution . . .

Hitech™ PORTABLE SUBMERSIBLE PUMP SERIES "FP"

Portable pumps are designed to reach places where often pumps can't go. They are light in weight makes easy handling and installation. Pumps and motor both are fitted on single shaft. Motor above and pump below ensure to remove maximum sludge water from the pit. Low Maintenance cost and easy to repair with better life.

TECHNICAL SPECIFICATION

Motor : Two Pole Continuous Duty Squirrel Cage Sub. Type Induction Motor
 Speed : 3000 RPM
 Connection : DOL (STAR DELTA Optional)
 Range : 1.0 H.P. to 20.0 H.P.
 Temp : Ambient
 Voltage : 220 V, 1 Ph, 50 Hz. (1 H.P. to 3 H.P.)
 415 V, 3 Ph, 50 Hz. (1 H.P. to 20.0 H.P.)

Class of Insulation: F
 Protection : IP-68

APPLICATION

- Suitable for handling screened sewage
- Removal of Kitchen Waste
- Cleaning of Manholes/Trenches
- Removes all sorts of industrial waste

PERFORMANCE TABLE (Speed : 2900 RPM)

MODEL	H.P.	DEL. SIZE	SOLID SIZE		HEAD IN METERS										SHUT OFF		
					2	4	6	8	10	12	15	20	25				
FP 12075	0.75	40	12	DISCHARGE IN LPM		220	180	140	95							13.5	
FP 351	1.0	50	35		375	307	250	167	100								13.5
FP 351.5	1.5	50	35		455	375	315	250	190	50							15.5
FP 25152	2.0	50	25		600	540	480	415	345	240	40						21
FP 253	3.0	50	25				450	425	400	350	220						23
FP 255	5.0	50	25						540	450	350	100					30
					2	4	6	8	10	12	14	16	18				
FP 503	3.0	80	50	DISCHARGE IN LPM		1000	875	750	610	470	320	140				17	
FP 505	5.0	80	50		1230	1160	1090	1010	920	820	695	480				20	
FP 507.5	7.5	100	50		1940	1800	1640	1400	1140	820	440					18	
FP 5010	10.0	100	50		2200	2120	2000	1840	1600	1320	1000	560				20	
					6	12	18	24	30	36	42	48	54				
FP 25153	3.0	50	25		540	410	270	120									28
FP25155	5.0	50	25	715	640	550	445	310	140							40	
FP25157.5	7.5	50	25	720	670	620	545	465	335	105						44	
FP50157.5	7.5	100	50	1510	1250	970	650	300								34	
FP251510	10.0	50	25		980	920	860	780	670	520	285					54	
FP 3510	10.0	80	35	DISCHARGE IN LPM	1350	1200	1020	820	590	300						40	
FP 5015.10	10.0	100	50		1650	1400	1100	800	440	60						37	
FP 3512.5	12.5	80	35		1450	1350	1220	1050	850	600	250					45	
FP 2515	15.0	50	25		1550	1475	1375	1240	1050	800	400					47	
FP 3515	15.0	50	35		2900	2600	2230	1750	1000							36	
FP 3520	20.0	100	35		3250	2980	2650	2250	1750	1000						42	
					10	20	30	40	50	55	60	65	70				
FP 251515	15.0	50	25	1130	1095	955	735	430	250							62	
FP 251520	20.0	50	25	1280	1220	1145	1000	780	641	500	309					72	

MATERIAL OF CONSTRUCTION

Motor Body : S.S.202
 Pump Casing : C.I. IS 210 FG260
 Shaft : S.S. 410
 Impeller : C.I. IS 210 FG260
 Strainer : S.S.202
 Fasteners : S.S. 202
 Cable : PVC Insulated Copper Conductor Flexible Cable
 Mechanical Seal : TC Vs. TC OR SIC Vs. SIC

Optional MOC of S.S., Aluminium, Bronze available on Request.

AVAILABLE ON REQUEST

Float Arrangement in Single phase pumps
 Auto-Coupling Arrangement
 Cutter arrangement, Agitator Arrangement