

## SEWAGE & DEWATERING SUBMERSIBLE PUMPS

### APPLICATIONS

- Effluent with slurry and solids.
- Dewatering man-hole sewers.
- De- silting.
- Storm/Flood water transfer.
- Drainage of sewage from the building basements, hotel industry, wastes water from factories.
- Drainage of sewage from industrial process factories. emptying of septic tanks, cesspits and sewage pump stations.
- Pumping surface and drainage water from garages and sprinkler systems.
- Quick out installation
- Cooling Jacket Arrangement,
- Single phase pumps are provide with auto water level control & Thermal Protection.

### RANGE

- **HP** : UP To 200 HP
- **RPM** : 3000 / 1500 / 1000 RPM
- **Size** : UP To 12"
- **Head** : Up to 90 Mtr.
- **Capacity** : Up to 3000 lpm  
(In High speed pump),  
Up To 15,000 lpm  
(In Low Speed pump)
- **Stage** : One
- **Solid Size** : Up to 100 mm
- **Concentration** : Up to 30%

### MATERIAL OF CONSTRUCTION

- **Motor Body** : CI/SS,
- **Cooling Jacket** : MS/ SS,
- **Casing** : CI/MS,
- **Impeller** : Cast Iron / SS,
- **Shaft** : SS,
- **Hardware** : SS ,
- **Oil Chamber** : CI Quick Out
- **Coupling** : CI / SS
- **Strainer** : SS with 6 or 10 mm round holes ,

#### Mechanical seal :

TC/TC or Silicon Carbide ,Bi Directional Twin Mechanical seal with various face combination Looking to the Application.

Cable :  
PVC Insulated Double Sheathed  
Copper Conductor flexible Cable.



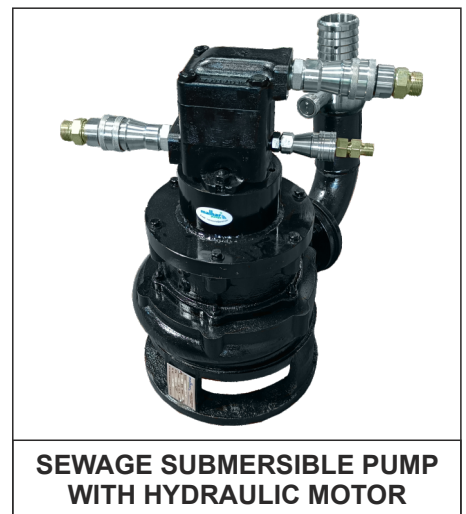
**SEWAGE & DEWATERING SUBMERSIBLE PUMPS**

**PERFORMANCE CHART OF HEAVY DUTY NON CLOG SEWAGE SLURRY SUBMERSIBLE PUMPSET.**

MODEL	HP / KW	DEL. SIZE	SOFT SOLID CAP.	DISCHARGE RANGE IN PUMP	HEAD RANGE IN MTR													SHUT OF HEAD		
					2	4	6	8	10	12	14	16	18	20	22	24	26		28	
MTSD 05115	0.5 / 0.37	1 1/2"	10 MM		210	180	150	75											10	
MTSD 1115	1 / 0.75	1 1/2"	10 MM			250	200	150	100											12
MTSD 1512	1.5 / 1.1	2"	12 MM			400	350	250	200	100										14
MTSD 212	2 / 1.5	2"	15 MM			450	400	350	300	250	150									16
MTSDT 05315	0.5 / 0.37	1 1/2"	10 MM			210	180	150	75											10
MTSDT 1315	1 / 0.75	1 1/2"	10 MM			250	200	150	100											12
MTSDT 1532	1.5 / 1.1	2"	12 MM			400	350	250	200	100										14
MTSDT 232	2 / 1.5	2"	15 MM			450	400	350	300	250	150									16
MTSDT 333	3 / 2.2	3"	20 MM			850	650	616	580	500	480	400	300	150						22
MTSDT 533	5 / 3.7	3"	25 MM			1070	1010	900	810	720	630	510	405	310	190	100				25
MTSDT 534	5 / 3.7	4"	30 MM			1300	1250	1100	1000	900	750	650	500	400	200	100				25
MTSDT 7534	7.5 / 5.6	4"	30 MM			1775	1700	1600	1500	1300	1100	900	700	600	500	400	200			28
MTSDT 1034	10 / 7.5	4"	35 MM			2095	2020	1900	1800	1700	1600	1350	1150	1050	850	600	400	300		30

MODEL	HP / KW	DEL. SIZE	SOFT SOLID CAP.	DISCHARGE RANGE IN PUMP	HEAD RANGE IN MTR											SHUT OF HEAD					
					6	12	18	21	24	30	33	36	38	42	45		48	50	52		
MTSDT 332	3 / 2.2	2"	20 MM		500	420	280	200	150											28	
MTSDT 532	5 / 3.7	2"	30 MM		800	670	590	500	330	100	50										35
MTSDT 7532	7.5 / 5.6	2"	30 MM			840	700	580	425	250	170	90	50								40
MTSDT 1032	10 / 7.5	2"	30 MM			1000	800	690	600	500	450	350	290	170	90						47
MTSDT 1534	15 / 11.2	4"	35 MM			2000	1800	1500	1250	1100	850	700	400	400							40
MTSDT 1532	15 / 11.2	2"	30 MM						1050	930	850	750	600	450	370	250	170	100			52
MTSDT 2034	20 / 15	4"	50 MM			2600	2300	2100	1850	1670	1250	1000	720	380	180						44
MTSDT 2534	25 / 18.7	4"	60 MM			3000	2700	2500	2200	1910	1600	1300	1070	500	250	120					48

\* DUE TO CONTINUOUS DEVELOPMENT PERFORMANCE MAY CHANGE WITHOUT NOTICE.  
 \* ABOVE PERFORMANCE ARE WITH CLEAR WATER.



Video Link : <https://www.youtube.com/watch?v=kgMeCqf01Is&t=54s>  
<https://www.youtube.com/watch?v=INk2wfO3A6M&t=25s>