

TS SERIES SEWAGE LIFTING STATION

Catalogo Tecnico Technical Catalogue

SUMMARY

IRCEM sewage lifting stations are specially used for collecting and lifting sewage water in civil, industry, construction, municipal engineering and other places that cannot rely on gravity self-flow to municipal sewer system. According to different applications, the station can be adapted to non-blocking vortex sewage pump or cutting sewage pump.

There are three volumetric specifications available for the sewage lifting station, including 100L, 200L and 500L, among them 100L and 200L can be matched with one sewage pump, 500L can be matched with two sewage pumps.

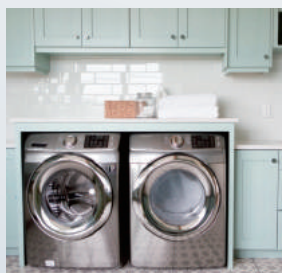


TECHNICAL CHARACTERISTIC

- Water collecting tanks are reserved for multiple opening positions, can be matched with DN50, DN75, DN110 pipeline, can be used for inflow, outflow, exhausting.
- The inlet and outlet pipes of water collecting tanks are all sealed with rubber parts, effective anti-odour.
- High strength and bearing pressure water collecting tank, excellent corrosion resistance and long service life, as well as integral lifting handles.
- 100L and 200L are equipped with one non-blocking vortex sewage pump or grinder sewage pump.
- 500L is equipped with two non-blocking vortex sewage pumps or grinder sewage pumps.
- Coupled connection for easy installation and maintenance.
- All pumps equipped with level switch and intelligent control panel, can be remote controlled, intelligent control panel can be controlled via mobile phone to make the pump on and off, and check solution for failure.

ADVANTAGES

- Cost-effective
- Space occupied saving
- No need for frequent cleaning
- Stable operation



TECHNICAL PARAMETERS FOR GRINDER TYPE ELECTRIC PUMP



Grinder impeller

Model	kW	Hp	Q=Flow rate	33.3	83.3	116.7	166.7	250	300	Q.Max (m ³ /h)
			l/min 0 m ³ /h 0 H=Head(m)	2	5	7	10	15	18	
TS100G-C2/3-07S	0.75	1.0	13.5	13	11.8	11	9	5.5	-	17
TS100G-C2/3-07T	0.75	1.0	13.5	13	11.8	11	9	5.5	-	17
TS100G-C2/3-11S	1.1	1.5	15.5	14.5	13.5	12	10.5	7	4	18.5
TS100G-C2/3-11T	1.1	1.5	15.5	14.5	13.5	12	10.5	7	4	18.5
TS200G-C2/3-07S	0.75	1.0	13.5	13	11.8	11	9	5.5	-	17
TS200G-C2/3-07T	0.75	1.0	13.5	13	11.8	11	9	5.5	-	17
TS200G-C2/3-11S	1.1	1.5	15.5	14.5	13.5	12	10.5	7	4	18.5
TS200G-C2/3-11T	1.1	1.5	15.5	14.5	13.5	12	10.5	7	4	18.5

Model	kW	Hp	Q=Flow rate	33.3	116.7	166.7	250	416.7	583.3	Q.Max (m ³ /h)
			l/min 0 m ³ /h 0 H=Head(m)	2	7	10	15	25	35	
TS500G-C2/3-07S	0.75	1.0	13.5	13	11	9	5.5	-	-	17
TS500G-C2/3-07T	0.75	1.0	13.5	13	11	9	5.5	-	-	17
TS500G-C2/3-11S	1.1	1.5	15.5	14.5	12	10.5	7	-	-	18.5
TS500G-C2/3-11T	1.1	1.5	15.5	14.5	12	10.5	7	-	-	18.5
TS500G-C2/3-15S	1.5	2.0	18.5	18	17	16	14	9.5	4	28
TS500G-C2/3-15T	1.5	2.0	18.5	18	17	16	14	9.5	4	28



Vortex impeller

TECHNICAL PARAMETERS FOR VORTEX TYPE ELECTRIC PUMP

Model	kW	Hp	Q=Flow rate	17	5	67	100	133	167	Q.Max (m ³ /h)
			l/min 0 m ³ /h 0 H=Head(m)	1	3	4	6	8	10	
TS100V-C2/3-05S	0.55	0.74	8.5	7.7	6	5.2	3.5	2	-	9.5
TS100V-C2/3-07S	0.75	1.0	11.5	10.7	9.3	8.5	7	5.5	4	10
TS200V-C2/3-05S	0.55	0.74	8.5	7.7	6	5.2	3.5	2	-	9.5
TS200V-C2/3-07S	0.75	1.0	11.5	10.7	9.3	8.5	7	5.5	4	10

Model	kW	Hp	Q=Flow rate	5	10	167	200	417	583	Q.Max (m ³ /h)
			l/min 0 m ³ /h 0 H=Head(m)	3	6	10	12	25	35	
TS500V-C2/3-11S	1.1	1.5	10.5	10	9.5	9	8.5	5.5	3	37
TS500V-C2/3-11T	1.1	1.5	10.5	10	9.5	9	8.5	5.5	3	37
TS500V-C2/3-15S	1.5	2.0	14	13.5	13	12.5	12	9	6	45
TS500V-C2/3-15T	1.5	2.0	14	13.5	13	12.5	12	9	6	45



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