



Auric®

TECHNO SERVICES PVT. LTD.

DYNAMIC SLUDGE THICKENER

SCRUDRAIN

Dynamic Sludge Thickener (SCRUDRAIN)

SCRUDRAIN® is used for continuous thickening of wastewater sludges. As a guideline sludge with 0.5 to 3% can be thickened to 5 to 15% DS depending on the type of sludge and solid content. They may be placed before belt presses and centrifuges to achieve a reduction in the sizes of the equipment and replace conventional gravity thickeners. They can also be installed upstream of biogas digesters in order to reduce digester sizing by as much as 5 times.

The Scrudrain thickness can handle upto 200m³/hr depending on the type of sludge and the dry solid content.

The Scrudrain is a rotating Drum Thickener with 'Archemedian' Screw inside, instead of a conventional Drum Thickener. This design allows by adjusting the rotating speed, to increase or decrease the retention time to achieve optimum thickening.

Salient features:

- Can thicken upto 10 times the initial concentration.
- Low operating cost.
- SS304/316 Construction.



Scrudrain Type	AD04C	AD04D	AD06C	AD06D	AD10C	AD10D
Drum Size	Ø400x1	Ø400x2	Ø600x1	Ø600x2	Ø1000x1	Ø1000x2
Flow max (m ³ /h)	10-20	20-40	15-30	30-60	40-100	80-200
Thickner drive (kW)	0.37	0.37x2	0.55	0.55x2	1.5x1	1.5x2
Wash pump (kW)	2.2	2.2	2.2	2.2	3	3
Weight (Kg.)	350	550	450	800	1200	2100

Note:- max flow depends on type of sludge and concentration of D.S.

Our other products

