

VOLUTE®

THICKENER

VT Series

■ **Stable Performance**

VOLUTE Thickener provides a stable sludge condition. SS recovery rate is approximately 95~99%.

■ **Cost Effective**

Extremely low power and water consumption compared to conventional.

■ **Preeminent Durability**

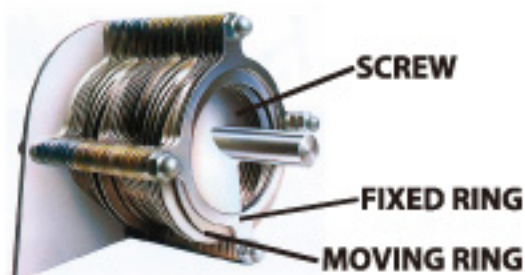
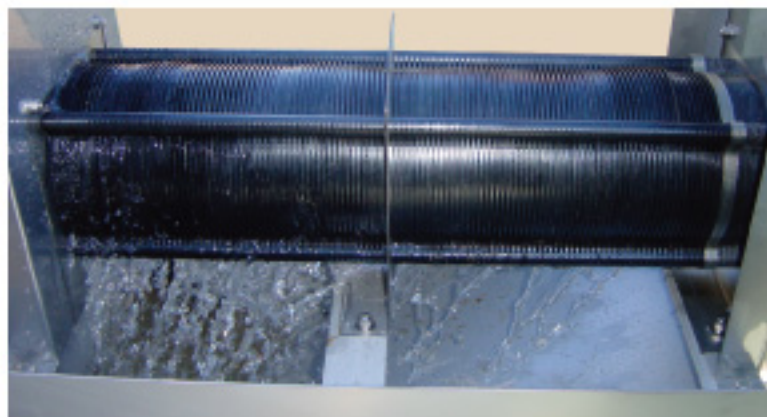
The VOLUTE Thickener runs over 30,000 hours without overhaul.

■ **Stress Free Maintenance**

The VOLUTE Thickener has a very simple structure. A partial overhaul of the VOLUTE Drum is a half-day operation and can be undertaken on-site.

■ **24-Hour Fully Automatic Operation**

The VOLUTE Thickener operates fully automatic for 24 hours without operator attendance. Periodic inspection and chemical replenishment is all that it requires.



Design and Function

Layers of spacers, fixed and moving rings construct the cylinder. Moving rings, which are slightly smaller than the outer diameter of the screw and slightly narrower than the spacers, are located between the fixed rings and are moved by the screw. The moving rings continuously clean sludge out of the gaps and prevents clogging.

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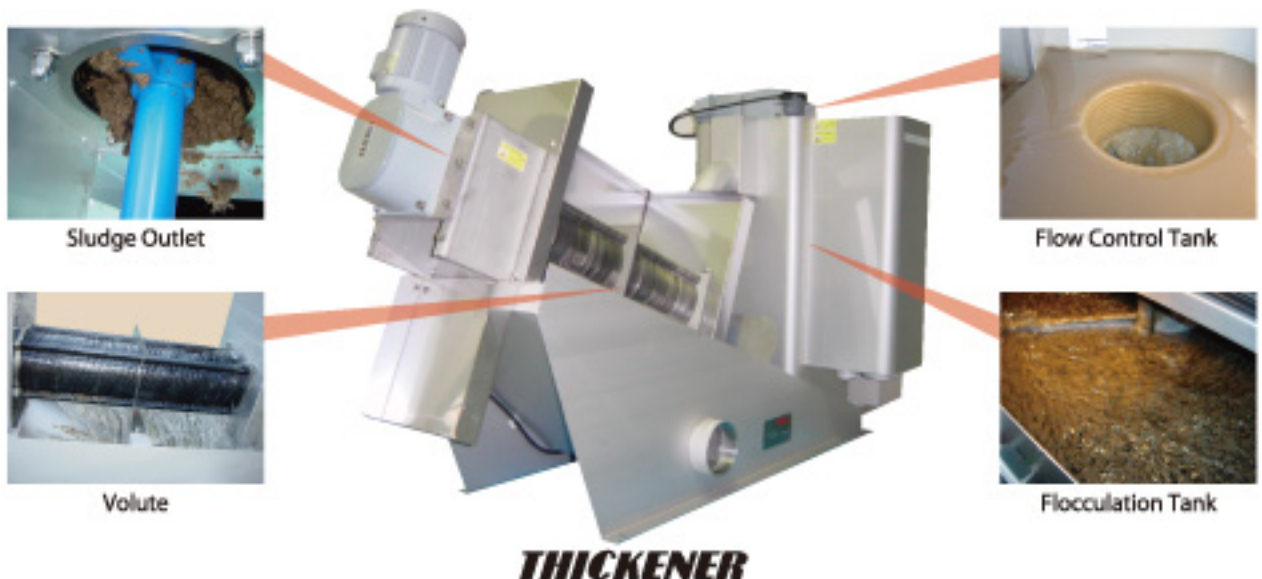
VT Series



Specifications

Model	Throughput	Dimensions			Electrical Power (kW)	Dry Weight
		L	W	H		
VT-101	~ 4.4 g/m	63.385"	25.984"	37.007"	0.3 kW	352 lb
VT-201S	~ 13.2 g/m	69.488"	30.314"	44.724"	0.6 kW	528 lb
VT-201	~ 44.0 g/m	86.692"	35.629"	52.165"	1.15 kW	704 lb
VT-202	~ 88.1 g/m	94.173"	43.976"	52.165"	1.90 kW	1,034 lb
VT-301	~ 132.1 g/m	118.937"	49.015"	59.763"	1.5 kW	1,320 lb
VT-302	~ 264.2 g/m	137.834"	53.346"	69.448"	2.25 kW	2,178 lb
VT-303	~ 396.3 g/m	147.677"	60.826"	69.606"	3.0 kW	2,882 lb

- Concentration of sludge before treatment: 1%.
 - Average concentration of sludge after treatment: 4% or more.
 - Motor Specification : 200-400V, 50-60Hz, IP65
 - Volute Cylinder Specification : Rings: Resin
Screw : SUS304.
 - Above figures may vary depending on type of usage.
 - Specifications may be changed without notice.
- Contact us for recent updates.



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