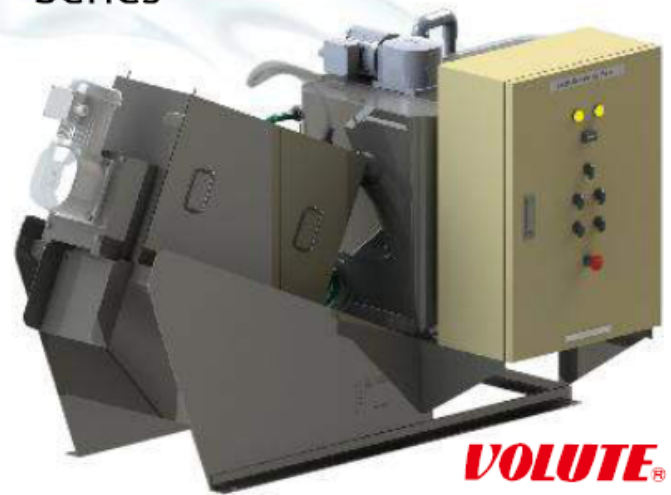


# Sludge Thickener Volute VT Series

**Thickener VT series thickens sludge with concentration of 1% or less to that with a concentration of 4 to 6%.**

This mechanical thickening will constantly produce stable thickened sludge, which is difficult with gravity thickening. It is possible to install as pre-thickener for your existing belt press or centrifuge to improve their dewatering performance. Furthermore, even in some facilities where the dewatered cakes are not easily transported, the volume of sludge to be disposed of can be reduced by thickening and yet it is still easily transported (pumped) as it is still in liquid form.



## Specifications List

Model	Capacity(Inflow) (m <sup>3</sup> /h)	Dimensions(mm)			Total Power Consumption(kW)	Weight(kg)	
		L	W	H		Empty	Operation
<b>VT-101</b>	~ 1	1772	901	1250	0.3	160	290
<b>VT-131</b>	~ 3	1772	901	1250	0.3	170	300
<b>VT-201</b>	~ 10	2436	901	1737	1.15	360	680
<b>VT-301</b>	~ 30	3463	1320	2026	1.5	840	1650
<b>VT-302</b>	~ 60	4778	1685	2026	3	1500	4200
<b>VT-303</b>	~ 90	4978	1930	2026	4.45	1950	5550

\* Capacity is based on waste activated sludge from biological treatment with TS 0.4% and thickening up to 4% with polymer.

\* Figures above are calculated as approximate and may vary depending on sludge condition. For model selection, please contact us.

## Layout Drawings

