

VA - BELT THICKENER FD

***For the continuous
thickening of sludges***



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Shifting ploughs ensure optimal filtrate discharge!

DESIGN

- Designed for 24h-operation.
- High-quality stainless steel frame enables operation under difficult circumstances.
- All tubes and cables run in frame and are thus protected in an optimal way.
- All bearings with labyrinth sealings for optimal moisture guard.
- Simple access facilitates maintenance work.
- Available with belt widths from 800 - 3200 cm

After it has been efficiently conditioned by the VA - Injector Mixer HPI (separately available), the sludge is evenly distributed onto the dewatering belt of the VA - FD through the new inlet box. The installed VA - Shifting Ploughs improve filtrate discharge by continuously creating free filter areas on the belt. This ensures superior thickening performance. At the end of the thickening zone, a ramp further enhances the thickness of the sludge before it is discharged through a funnel. Due to its significantly high thickening performance of 6 - 8% DS, its low polymer consumption and its excellent energy balance (0,1 kWh/m³), the Belt Thickener VA - FD is an economical and reliable partner in sludge thickening operations.

TIP: If particularly high specific throughput is required, let us inform you about our combined machine VA - "FD+BFP", the powerful combination of belt filter press and belt thickener!

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New inlet box for optimal sludge distribution!

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