

Gravity Table (GT)

Effective pre-dewatering of sludge

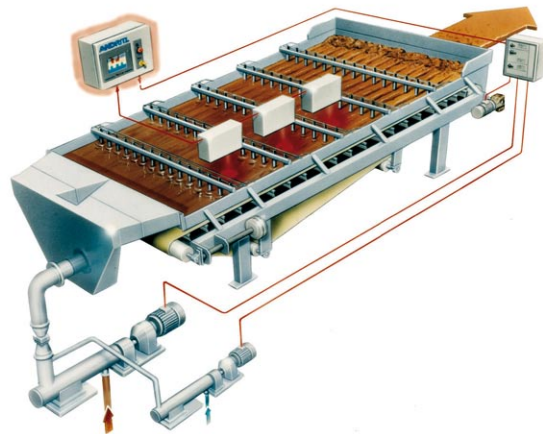


We accept the challenge!

Gravity Table (GT)

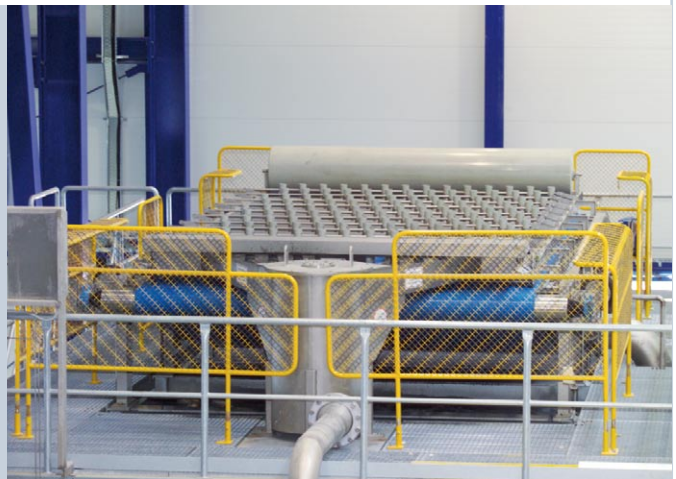
High thickening capacity, low solids load in filtrate

The GT is used as a first dewatering stage for sludge prior to subsequent pressing operations (e.g. continuous pressure filters or sludge screw presses). Gravity is utilized to thicken the sludge from an input consistency of 0.6-5% consistency to output consistency of 12-22%. Built-in baffles on the table turnover the sludge to achieve a homogeneous 80-83% water removal. An optional forming roll is also available for the end of the dewatering zone. The gentle treatment in the GT keeps the flocculent consumption low. This results in a lower filtrate load compared to other pre-dewatering systems. Constructed of stainless steel, the GT is also available with an exhaust hood to capture odors. Its modular design can be easily re-configured or upgraded to handle changing sludge volumes or other characteristics.



Benefits

- ▶ **High thickening capacity**
- ▶ **Low flocculent consumption**
- ▶ **Gentle dewatering due to thin-layer filtration**
- ▶ **Low solids load in filtrate**
- ▶ **Extremely low energy consumption**
- ▶ **Low wear and maintenance**
- ▶ **Air bellow actuated wire tension**
- ▶ **Automatic wire tracking**
- ▶ **Optional floating loadable form roll without separate drive**



Gravity Table	GT106	GT204	GT206	GT306	GT308	GT408
Height [mm] / [inch]	2150 / 85	2150 / 85	2150 / 85	2150 / 85	2150 / 85	2250 / 90
Length [mm] / [inch]	7350 / 290	5400 / 210	7400 / 290	7900 / 310	9900 / 390	10200 / 400
Width [mm] / [inch]	2500 / 100	3400 / 135	3400 / 135	4400 / 175	4500 / 180	5550 / 220
Weight w/o drive [t]	2.1	3.5	4.25	5.5	7.25	10.4

All data subject to change.

Fiber Preparation Systems

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