

## EKOSEP® G-T Series Sludge Belt Thickener

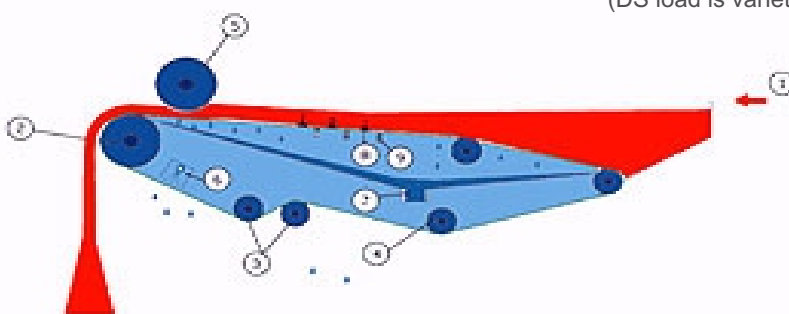
EKOSEP® GT - gravity belt thickener was designed for thickening sludge with 0.1-1.5% DS. To undigested municipal biochemical sludge, the final DS content can reach 5-7%, when the thickener is equipped with ploughs and pressure rollers, to some type sludge the final DS content can reach 10-12%. The belt speed is adjustable between 0.8 and 4m/min.



### TECHNICAL DATA

Type	GT1100	GT1600	GT2100	GT2600	GT3100	GT3080
Valid Filtrate Area (m <sup>2</sup> )	3.75	5.65	7.4	9.25	11.1	24
Sludge Volume Load (m <sup>3</sup> /h)	20-50	40-80	60-120	80-150	150-350	350-900
DS Load (kgDS/h)	400-1200	500-2000	700-2800	800-3500	1200-5000	3500-10000
Flush Water System (m <sup>3</sup> /h)	3	4.32	5.67	7.02	8.37	8.37
Belt Width (mm)	1100	1600	2100	2600	3100	3100
Length (mm)	4720	4720	4720	4720	4720	9210
Width (mm)	1585	2085	2600	3100	3160	4210
Height (mm)	1000	1000	1000	1000	1000	2297
Power (kw)	0.37	0.37	1.1	1.1	1.1	4.0
Weight (kg)	700	1000	1300	1600	2000	6800

(DS load is variatal in different fields)



1. Inlet chute
2. Discharge roller
3. Tensioning roller
4. Steering roller
5. Pressure roller (option)
6. Belt flushing system
7. Reject water
8. Plough
9. scraper beam