

## Process Equipments – Resource Recovery

Amalgam Biotech is authorized representative of Andritz Technologies Pvt Ltd, A German MNC with manufacturing in Chennai

Sr.no	DESCRIPTION	APPLICATION	SPECIFICATION
1	Filter Press	- ETP sludge - Steel mills - Resource recovery	Manual & fully automatic filter press to deliver sludge dryness upto 75% solids.
2	Belt filter press	- ETP sludge - STP sludge - CBG digestate	Gravity belt thickener + Belt press Dual combination for sludge dryness > 25%
3	Screw press	- ETP sludge - STP sludge - CBG digestate	Rotary drum thickness + Screw press Dual combination for sludge dryness > 25%
4	Decanter Centrifuge	- ETP sludge - STP sludge - CBG digestate	Decanter centrifuges for sludge flow rates of 4m <sup>3</sup> /hr - 400m <sup>3</sup> /hr in single machine, with installed power of 7.5kw - 350kw
5	Dryers	- Sludge drying - Process drying	Rotary Drum, Belt & Paddle type Dryers for Sludge Drying or Product recovery



Gravity belt thickener



Drum thickener



Decanter centrifuge

### DEWATERING



Belt filter press



Screw press



Filter press



Decanter centrifuge

### DRYING



Belt dryer



Fluidized bed dryer



Paddle dryer



Drum dryer

Marketed by:

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