

K 1200 – For Sludge Treatment



ADVANTAGE

- Easy drifting
- Low drifting costs
- Low polymer consumption
- Gentle to the sludge
- Continous operation
- Small space required
- Materials in SS2333 and 2343

OPERATION

Polymer are mixed in the KICAB static mixer. The flocked sludge will then be feed by an inlet box, raised slowly and carefully distributed over the strainer conveyor. The KICAB are equipped with plough

shaped baffle plates which are used to improve the dewatering process. At the end of the strainer conveyor a specially shaped scraper blade will efficiently discharge the sludge, but it will also hold the sludge level on the conveyor in order to optimize the DS-level on discharged sludge. The strainer conveyor are efficiently cleaned with spray nozzles over the lower counter part. The cleaning water are well separated from outgoing sludge in order not to dilute the obtained DS. Low water consumption as well as low energy (0,75 kW) consumption guarantees good economy when using the KICAB thickener.

ENERGY CONSUMPTION

- Only 0,75kW

DIMENSIONS

Size	Capacity m ³ /h	Power (kW)	Weight(Kg)	Length (mm)	Width (mm)	Height (mm)
K1200	25 - 45	0,75	800	2 800	1600	1 200
K1200XL	35 - 60	0,75	900	3 500	1600	1 200

Application	Primary Sludge/Mixed Sludge	WAS/Chemical Sludge
TS-in	1,5%	0,5%
TS-out	7 - 9%	7 - 9%
Polymer kg/ton TS	1 - 2	1,5- 2,5

