

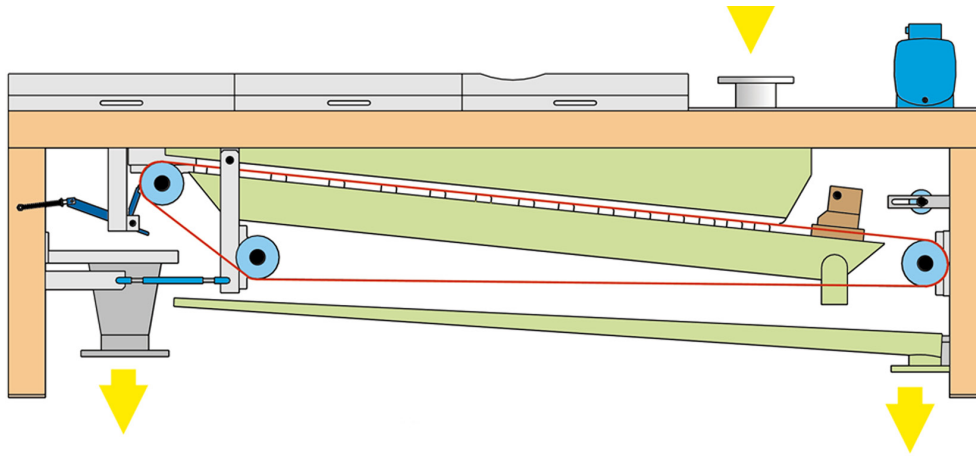


## Gravity Belt Thickener KD 07



Danish Wastewater  
Equipment

# Gravity Belt Thickener KD 07



**Gravity Belt Thickeners KD07** constitutes a series of thickeners that are especially constructed for combination with the belt press series KD 10, 11 and KD 13. It can however also be delivered as a stand-alone unit.

The thickener is normally used when the dry matter content of the sludge is below 2%.

The thickener is constructed on a carrying base with a hot-dip galvanised steel frame which is adapted to fit directly on top of the belt press.

All parts, that may come in direct contact with water or sludge, such as rollers, the outlet/reject tray and the sludge trough, are made of stainless steel.

The driving roller is rubber coated and also works as a belt guide.

All bearings are external standard bearings of the model SKF ensuring easy inspection and serviceability.

The thickener is completely encased in stainless steel covers and doors, making ventilation possible.

When the belt press and thickener is combined, the control and supervision of the thickener is performed by the belt press PLC.



Inlet capacity & Power consumption				
Thickener model	(Belt press)	SS = 0,5 – 1,0 %	SS = 1,0 – 2,0 %	Power
KD 07-1000	-	37,5 m <sup>3</sup> /h	25 m <sup>3</sup> /h	1,1 kW
KD 07-1500	KD 10-1500	60 m <sup>3</sup> /h	40 m <sup>3</sup> /h	1,1 kW
KD 07-2000	KD 10-2000	75 m <sup>3</sup> /h	50 m <sup>3</sup> /h	1,1 kW
KD 07-2500	KD 10-2500	90 m <sup>3</sup> /h	60 m <sup>3</sup> /h	1,1 kW
KD 07-1200	KD 11-1200	50 m <sup>3</sup> /h	30 m <sup>3</sup> /h	1,1 kW
KD 07-1600	KD 11-1600	65 m <sup>3</sup> /h	45 m <sup>3</sup> /h	1,1 kW
KD 07-800	KD 13-800	16 m <sup>3</sup> /h	12 m <sup>3</sup> /h	0,55 kW
KD 07-1200	KD 13-1200	25 m <sup>3</sup> /h	20 m <sup>3</sup> /h	0,55 kW
Specifications				
Stainless Steel	SS2333 (Aisi 304), dip-pickled			
Carbon Steel	St. 37, HDG			
Drive unit	NordGear, with frequency converter			
Belt	Tamfelt, polyester			

The belt thickener is made with CE-certification.

02.2015 GB