KROFTA ENGINEERING LIMITED

Krofta Screw Press

A compact sludge de-watering machine

The Krofta Screw Press (KSP) is an economical and power friendly sludge de-watering machine. Sludge is de-watered by the principal of screw extrusion, through the strong squeezing force generated by the change of screw diameter and screw pitch, a floating ring and a fixed ring. For municipal applications KSP produces 20% consistency output sludge.

Applications & Advantages of KSP

- Pulp & Paper Industry
- Municipal applications such as Sewage Treatment Plants (STPs)
- Dairy industry
- De-watering of waste activated sludge
- Small footprint with considerable energy savings
- Easy operation and maintenance
- Low investment as compared to filter presses for lower volume of sludge, highly economical

KSP Technical Information

KSP Models	Max Inlet Flow @ 1% consistency (m^3/hour)	Power (kW)	Wash Water Requirement (m^3/hour)	Machine Weight (Kg)
KSP – 15	1.5	0.37	0.035	350
KSP – 30	3	0.75	0.06	450
KSP – 60	6	0.75	0.07	550
KSP – 100	10	1.25	0.10	750
KSP – 150	15	1.5	0.15	1000
KSP – 200	20	1.5	0.20	1200
KSP – 250	25	1.5	0.25	1300
KSP – 500	50	3.75	0.50	1450
KSP – 750	75	4.5	0.75	1880

Technical Information, weights are approximate

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