



JiangSu Kintep Environmental Protection Equipment Co.,Ltd.

Website: www.kintep.net Tel: +86 523 89988802 Fax: +86 523 88638888
 Add: No.66 Wuliangsi Road, Sixiang Town, Medical High-tech Zone, Taizhou, Jiangsu, China

Specification

Equipment Name	Screw Press (SP) Sludge Dewatering Machine	
Picture		
Model	KTDL 131	
Dewatering Type	Screw Press	
Production Capacity (kg.dried sludge/hour)	5-10kg.DS/h	
Equipment Dimensions	L1870mm x W730mm x H1170mm	
Net Weight	250kg	
Operation Weight	395kg	
Power	0.36kw	
Inlet Flow-Sludge Content	0.5m ³ /h-10,000mg/L 0.2m ³ /h-50,000mg/L	
Mud Cake Moisture	Approx. 80%	
Working Hours	Automatically operating 24 hours per day	
Maintenance Frequency	10 min/day	
Specification	Item	Parameter
Material	Enclosure	304SS
	Screw Shaft	304SS
	Water Collection Shaft	304SS
	Flocculation Tank	304SS
	Spray System	304SS
	Solenoid Valve	304SS
	Liquid Level Switch	304SS



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Screw Shaft	Diameter x Length	120mm dia x 1135mm
	Qty	1 piece
	Process	Fine machined, supersonic spray finish with reinforced blade
	Hardness	1100HV
Ring	Thickening Zone Rings	2.85±0.2mm (cold rolling)
	Dewatering Zone Rings	2.85±0.2mm (cold rolling)
	Washer	Thickening Zone: 3.30±0.2mm (fine machined) Dewatering Zone: 3.15±0.2mm (fine machined)
Water Collection Basin	Dimensions	780mm x 360mm x 210mm
	Filtrate Discharge	DN100 flange (PN1.6MPa)
Flocculation Tank	Dimensions	340mm x 340mm x 600mm
	Qty	1 set
	Volume	0.07 m ³
	Stiring Device	1 set, 304SS
	Sludge Inlet	DN25 male NPT
	Overflow Nozzle	DN50 flange (PN1.6MPa)
	Chemical Injection Nozzle	DN15 male NPT
Vent	DN50 female NPT	
Enclosure	Dimensions	1490mm x 710mm x 510mm
	Qty	1 set
Screw Drive	Power	0.18kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	2.04-5.1rpm
	Reduction Ratio	257
	Qty	2 set
	Brand	TBA
Flocculator Motor	Power	0.18kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	30rpm
	Reduction Ratio	47.44
	Qty	1 set
	Brand	TBA



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Spray System	Type	Cone water column
	Pressure	0.2MPa
	Water Consumption	43L/h
	Rinse Water Inlet Size	DN15 female NPT
	Spay Nozzle	6 pieces, 304SS
	Spray Pipe	DN15, 304SS
Solenoid Valve	Pipe Size	DN15
	Qty	1 set
	IP Grade	IP65
	Brand	TBA
Liquid Level Switch	Model	PS-3SC
	Size	60mm dia
	Brand	Omron
Electric Control Cabinet	Materials	Epoxy coated carbon steel
	Electrical Components	Schneider
	Frequency Converter	Schneider/Delta
	PLC	Siemens/VIPA