



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 302	
Dewatering Type	Screw Press	
Production Capacity (kg.dried sludge/hour)	60-120kg.DS/h	
Equipment Dimensions	L3460mm x W1270mm x H1700mm	
Net Weight	1340kg	
Operation Weight	2225kg	
Power	2.05kw	
Inlet Flow- Sludge Content	6m ³ /h-10,000mg/L 2.4m 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	250mm dia x 2160mm
	Qty	2 piece
	Process	Fine machined, supersonic spray finish with reinforced blade
	Hardness	1300HV
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	1150mm x 1030mm x 370mm
	Filtrate Discharge	DN150 flange (PN1.6MPa)
Flocculation Tank	Dimensions	700mm x 700mm x980mm
	Qty	1 set
	Volume	0.5 m ³
	Stiring Device	1 set, 304SS
	Sludge Inlet	DN50 male NPT
	Overflow Nozzle	DN100 flange (PN1.6MPa)
	Chemical Injection Nozzle	DN20 male NPT
	Vent	DN50 female NPT
Enclosure	Dimensions	2910mm x 1270mm x 930mm
	Qty	1 set
Screw Drive	Power	0.75kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	2.16-5.4rpm
	Reduction Ratio	256.47
	Qty	2 set
	Brand	TBA
Flocculator Motor	Power	0.55kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	30rpm
	Reduction Ratio	47.32
	Qty	1 set
	Brand	TBA



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Spray System	Type	Cone water column
	Pressure	0.2MPa
	Water Consumption	186L/h
	Rinse Water Inlet Size	DN20 female NPT
	Spay Nozzle	16 pieces, 304SS
	Spray Pipe	DN20, 304SS
Solenoid Valve	Pipe Size	DN20
	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