



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

<p>Equipment Name</p> <p>Picture</p>	<p style="text-align: center;">Screw Press (SP) Sludge Dewatering Machine</p>	
<p>Model</p>	<p>KTDL 304</p>	
<p>Dewatering Type</p>	<p>Screw Press</p>	
<p>Production Capacity (kg.dried sludge/hour)</p>	<p>120-240kg.DS/h</p>	
<p>Equipment Dimensions</p>	<p>L3960mm x W2040mm x H1740mm</p>	
<p>Net Weight</p>	<p>2150kg</p>	
<p>Operation Weight</p>	<p>4150kg</p>	
<p>Power</p>	<p>3.75kw</p>	
<p>Inlet Flow- Sludge Content</p>	<p>12.0m³/h-10,000mg/L 4.8m³/h-50,000mg/L</p>	
<p>Mud Cake Moisture</p>	<p>Approx. 80%</p>	
<p>Working Hours</p>	<p>Automatically operating 24 hours per day</p>	
<p>Maintenance Frequency</p>	<p>10 min/day</p>	
<p>Specification</p>	<p>Item</p>	<p>Parameter</p>
<p>Material</p>	<p>Enclosure</p>	<p>304SS</p>
	<p>Screw Shaft</p>	<p>304SS</p>
	<p>Water Collection Shaft</p>	<p>304SS</p>
	<p>Flocculation Tank</p>	<p>304SS</p>
	<p>Spray System</p>	<p>304SS</p>
	<p>Solenoid Valve</p>	<p>304SS</p>
	<p>Liquid Level Switch</p>	<p>304SS</p>



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Screw Shaft	Diameter x Length	250mm dia x 2160mm
	Qty	4 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	1490mm x 1870mm x 370mm
	Filtrate Discharge	DN150 flange (PN1.6MPa)
Flocculation Tank	Dimensions	1100mm x 1100mm x 1120mm
	Qty	1 set
	Volume	1.35 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	3360mm x 2040mm x 940mm
	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	4 set
	Brand	TBA



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Flocculator Motor	Power	0.75kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	31rpm
	Reduction Ratio	46.4
	Qty	1 set
	Brand	TBA
Spray System	Type	Cone water column
	Pressure	0.2MPa
	Water Consumption	372L/h
	Rinse Water Inlet Size	DN32 female NPT
	Spay Nozzle	32 pieces, 304SS
	Spray Pipe	DN32, 304SS
Solenoid Valve	Pipe Size	DN32
	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