



# 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>Screw Press (SP) Sludge Dewatering Machine</p>	
<p>Model</p>	<p>KTDL 354</p>	
<p>Dewatering Type</p>	<p>Screw Press</p>	
<p>Production Capacity (kg.dried sludge/hour)</p>	<p>200-400kg.DS/h</p>	
<p>Equipment Dimensions</p>	<p>L4320mm x W2290mm x H1850mm</p>	
<p>Net Weight</p>	<p>3700kg</p>	
<p>Operation Weight</p>	<p>6515kg</p>	
<p>Power</p>	<p>5.90kw</p>	
<p>Inlet Flow- Sludge Content</p>	<p>20.0m<sup>3</sup>/h-10,000mg/L 8.0m<sup>3</sup>/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	350mm dia x 2480mm
	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	1680mm x 2020mm x 440mm
	Filtrate Discharge	DN200 flange (PN1.6MPa)
Flocculation Tank	Dimensions	1245mm x 1245mm x1100mm
	Qty	1 set
	Volume	1.70 m <sup>3</sup>
	Stiring Device	1 set, 304SS
	Sludge Inlet	DN65 male NPT
	Overflow Nozzle	DN125 flange (PN1.6MPa)
	Chemical Injection Nozzle	DN32 male NPT
	Vent	DN100 female NPT
Enclosure	Dimensions	3640mm x 2290mm x 1090mm
	Qty	1 set
Screw Drive	Power	1.1kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	1.96-4.9rpm
	Reduction Ratio	288
	Qty	4 set
	Brand	TBA
Flocculator Motor	Power	1.5kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	33rpm
	Reduction Ratio	43.33
	Qty	1 set
	Brand	TBA



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Spray System	Type	Cone water column
	Pressure	0.2-0.4MPa
	Water Consumption	378L/h
	Rinse Water Inlet Size	DN40 female NPT
	Spay Nozzle	24 pieces, 304SS
	Spray Pipe	DN40, 304SS
Solenoid Valve	Pipe Size	DN40
	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