



# 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 403	
Dewatering Type	Screw Press	
Production Capacity (kg.dried sludge/hour)	240-480kg.DS/h	
Equipment Dimensions	L4790mm x W2550mm x H2250mm	
Net Weight	5400kg	
Operation Weight	9710kg	
Power	7.5kw	
Inlet Flow- Sludge Content	24.0m <sup>3</sup> /h-10,000mg/L 9.6m <sup>3</sup> /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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### Specification

Screw Shaft	Diameter x Length	350mm dia x 3022mm
	Qty	3 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	2110mm x 2060mm x 530mm
	Filtrate Discharge	DN200 flange (PN1.6MPa)
Flocculation Tank	Dimensions	2000mm x 1000mm x1350mm
	Qty	1 set
	Volume	2.5 m <sup>3</sup>
	Stiring Device	2 set, 304SS
	Sludge Inlet	DN80 male NPT
	Overflow Nozzle	DN150 flange (PN1.6MPa)
	Chemical Injection Nozzle	DN50 male NPT
Vent	DN150 female NPT	
Enclosure	Dimensions	4070mm x 2220mm x 1375mm
	Qty	1 set
Screw Drive	Power	1.5kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	1.96-4.9rpm
	Reduction Ratio	286.4
	Qty	3 set
	Brand	TBA
Flocculator Motor	Power	1.5kw
	IP Grade	IP55
	Insulation Grade	F
	Rotating Speed	33rpm
	Reduction Ratio	43.33
	Qty	2 set
	Brand	TBA



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### Specification

Spray System	Type	Cone water column
	Pressure	0.2-0.4MPa
	Water Consumption	345L/h
	Rinse Water Inlet Size	DN50 female NPT
	Spay Nozzle	48 pieces, 304SS
	Spray Pipe	DN50, 304SS
Solenoid Valve	Pipe Size	DN50
	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