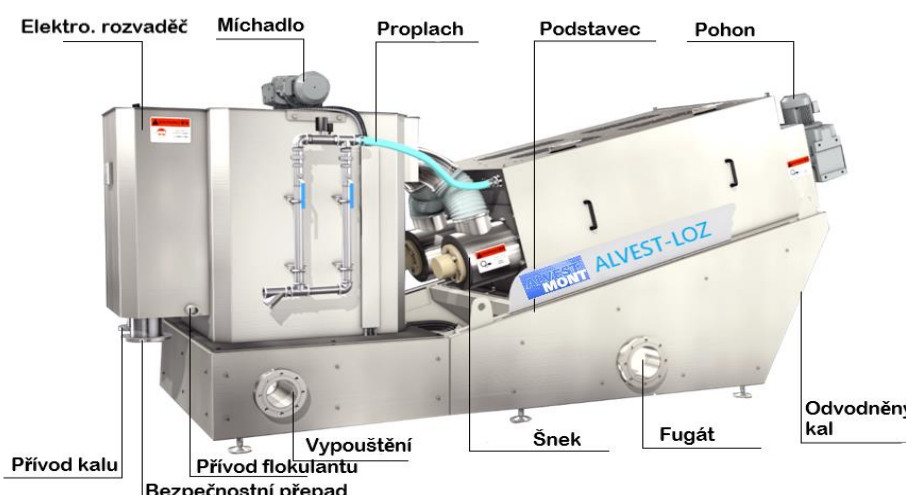


Specification List

Equipment Name	Screw Press Sludge Dewatering Machine
Picture	
Model	ALVEST-LOZ-404
Dewatering Type	Screw Press
Dried Sludge Standard Capacity (DS)	320-640 Kg/h
Equipment Dimension	L4840 * W3140 * H2250mm
Net Weight	7000kg
Running Weight	12960kg
Power	9kw
Inlet Flow	10000mg/L - 32m ³ /h 50000mg/L - 12.8m ³ /h
Outlet Sludge Moisture Content	around 80%
Working Hours(h/d)	Automatically run 24 hours a day
Maintenance Frequency	10 min/day

Specification	Item	Parameter
Material	Rack	SS 304
	Screw Shaft	SS 304
	Water Collection Basin	SS 304
	Flocculation Tank	SS 304
	Spray System	SS 304
	Solenoid Valve	SS 304
	Liquid Level Switch	SS 304

Specification List

Screw Shaft	Diameter*Length	φ350 * 3022mm
	Qty.	4 pcs
	Process	Fine finish of whole shaft, supersonic spraying reinforcement processing of blade
	Hardness	1300HV

Rings	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 machining) Dewatering Zone: 3.15±0.2mm (fine machining)

Water Collection Basin	Dimension	2110 * 2710 * 530mm
	Filter Outlet	DN200 flange (JB/T81-94, PN1.0MPa)

Flocculation Tank	Dimension	2600 * 1100 * 1350mm
	Qty.	1 set
	Volume	3.8m ³
	Stiring Device	2 sets, SS304
	Wastewater Inlet	DN80 flange (JB/T81-94, PN1.0MPa)
	Overflow Nozzle	DN150 flange (JB/T81-94, PN1.0MPa)
	Dosing Nozzle	DN50 external thread (G2")
Vent Nozzle	DN150 flange (JB/T81-94, PN1.0MPa)	

Rack	Dimension	4070 * 2940 * 1375mm
	Qty.	1 set

Drive Motor	Power	1.5kw
	IP Grade	IP55
	Insulation Grade	F
	Rotate Speed	1.96-4.9rpm
	Reduction Ratio	286,4
	Qty.	4 sets
	Brand	SEW

Mixing Motor	Power	1.5kw
	IP Grade	IP55
	Insulation Grade	F
	Rotate Speed	33rpm
	Reduction Ratio	54,7
	Qty.	2 sets
	Brand	SEW

Specification List

Spray System	Type	Cone water column
	Pressure	0.2 ~0.4 MPa
	Water Consumption	460L/H
	Rinse Water Inlet Dimension	Internal thread DN50 (G2")
	Spray Nozzle	64pcs, SS304
	Spray Pipe	SS304, DN40

Solenoid Valve	Pipe Dimension	DN50
	Qty.	1 set
	IP Grade	IP65

Liquid Level Switch	Model	HS-3A
	Dimension	φ60
	Brand	Omron

Electric Control Cabinet	Materials	Carbon steel
	Electrical Components	Schneider
	Frequency Converter	Schneider
	PLC	Siemens