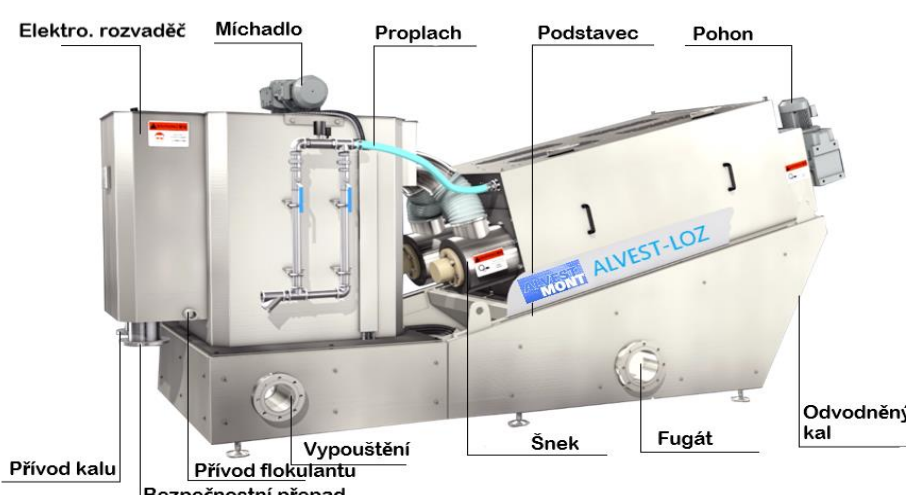


### Specification List

Equipment Name	Screw Press Sludge Dewatering Machine
Picture	
Model	ALVEST-LOZ-132
Dewatering Type	Screw Press
Dried Sludge Standard Capacity (DS)	10-20 Kg/h
Equipment Dimension	L2000mm× W960mm× H1230mm
Net Weight	350kg
Running Weight	595kg
Power	0.54kw
Inlet Flow	10000mg/L - 1m <sup>3</sup> /h 50000mg/L - 0.4m <sup>3</sup> /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 Swatch	SS 304

### Specification List

<b>Screw Shaft</b>	Diameter*Length	φ120x1135mm
	Qty.	2 pc
	Process	Fine finish of whole shaft, supersonic spraying reinforcement processing of blade
	Hardness	1100HV

<b>Rings</b>	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)

<b>Water Collection Basin</b>	Dimension	780mmx620mmx210mm
	Filter Outlet	DN100 flange (JB/T81-94, PN1.0MPa)

<b>Flocculation Tank</b>	Dimension	450mmx450mmx680mm
	Qty.	1 set
	Volume	0.14m <sup>3</sup>
	Stiring Device	1 set, SS304
	Wastewater Inlet	DN25 Exterior diameter (G1")
	Overflow Nozzle	DN50 flange (JB/T81-94, PN1.0MPa)
	Dosing Nozzle	DN15 External Thread (G½")
Vent Nozzle	DN50 Internal Thread (G2")	

<b>Rack</b>	Dimension	1590mmx940mmx510mm
	Qty.	1 set

<b>Drive Motor</b>	Power	0.18kw
	IP Grade	IP55
	Insulation Grade	F
	Rotate Speed	2.04-5.1rpm
	Reduction Ratio	257
	Qty.	2 set
	Brand	SEW

<b>Mixing Motor</b>	Power	0.18kw
	IP Grade	IP55
	Insulation Grade	F
	Rotate Speed	30rpm
	Reduction Ratio	47,44
	Qty.	1 set
	Brand	SEW

**Specification List**

<b>Spray System</b>	Type	Cone water column
	Pressure	0.2 ~0.4 MPa
	Water Consumption	86L/H
	Rinse Water Inlet Dimension	Internal Thread DN15 (G $\frac{1}{2}$ " )
	Spray Nozzle	12pcs, SS304
	Spray Pipe	SS304, DN15

<b>Solenoid Valve</b>	Pipe Dimension	DN15
	Qty.	1 set
	IP Grade	IP65

<b>Liquid Level Switch</b>	Model	HS-3A
	Dimension	$\phi$ 60
	Brand	Omron

<b>Electric Control Cabinet</b>	Materials	Carbon steel
	Electrical Components	Schneider
	Frequency Converter	Schneider
	PLC	Siemens