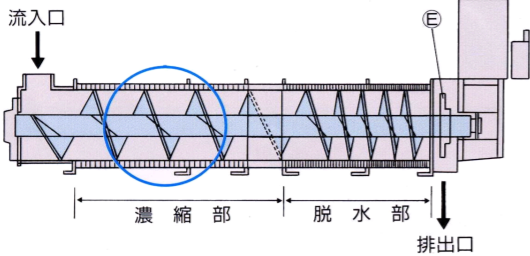
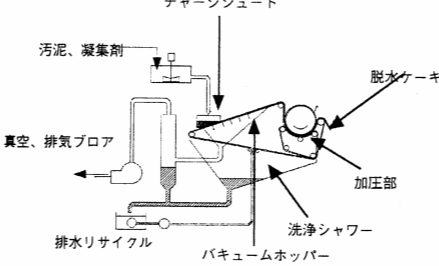
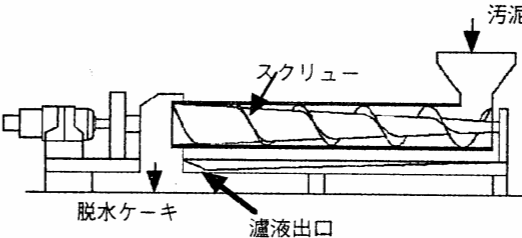
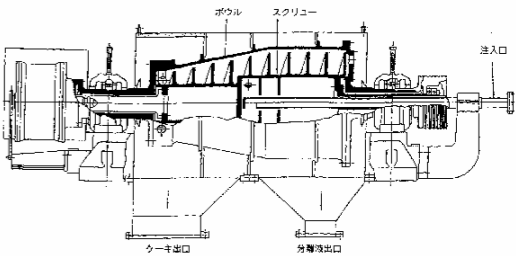


Cost Comparisons Table ~ES-301SA~

Item \ Type		VOLUTE Dewatering Press / Dehydrator	Belt Press	Screw Press	Centrifugal Separator
Overall View					
System		Layered Ring Screw Press	Belt	Screw	Centrifugal Force
Rinsing Water		0.04 m³/h	3.0 m ³ /h	0.5 m ³ /h	1.0 m ³ /h
Electrical Power	Filter Body Motor	0.4 kW	2.0 kW	1.5 kW	10.0 kW
	Flocculation Tank Motor	0.4 kW	Excluded in the Unit	Excluded in the Unit	Excluded in the Unit
	Total	0.8 kW	2.0 kW + Flocculation Tank	1.5 kW + Flocculation Tank	10 kW + Flocculation Tank
Installation Space		3.2 m²	5.0 m ² + Flocculation Tank	4.0 m ² + Flocculation Tank	4.0 m ² + Flocculation Tank
Maintenance Time	Daily	5 min/day (Normally)	Same as Operation Time	Depends on Operation Condition	Depends on Operation Condition
	Overhaul	2 Days	Over 3 days	Over 3 days	Over 3 days
Flocculation Tank		Unnecessary (Included in the Unit)	Required	Required	Required
Thickening Tank		Unnecessary (Direct dewatering from Oxidation Ditch)	Required (Sludge needs to be thickened)	Required (Sludge needs to be thickened)	Required (Sludge needs to be thickened)

*These data are based on comparing ES-301SA model and other company's same performance model. (SS Concentration is 1 %, Flow Rate is 3 m³, and Throughput is 30 kgDS/h).

*Performances of other model depend on manufacturer.

*It assumes that overhaul is taken by two people. It differs depending on installed condition further.

*Maintenance space is not included in this installation space.