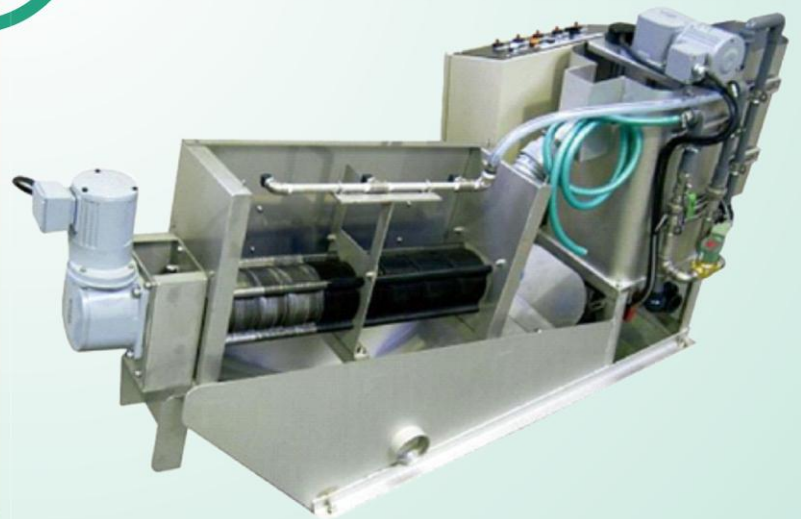
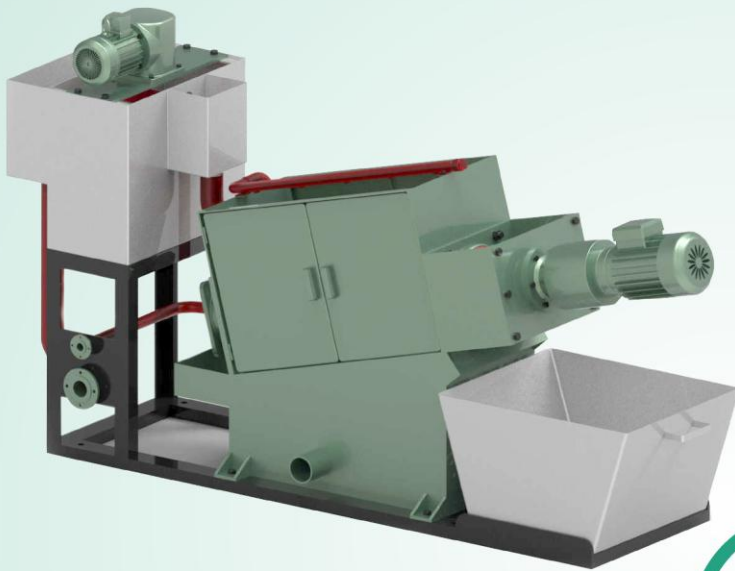
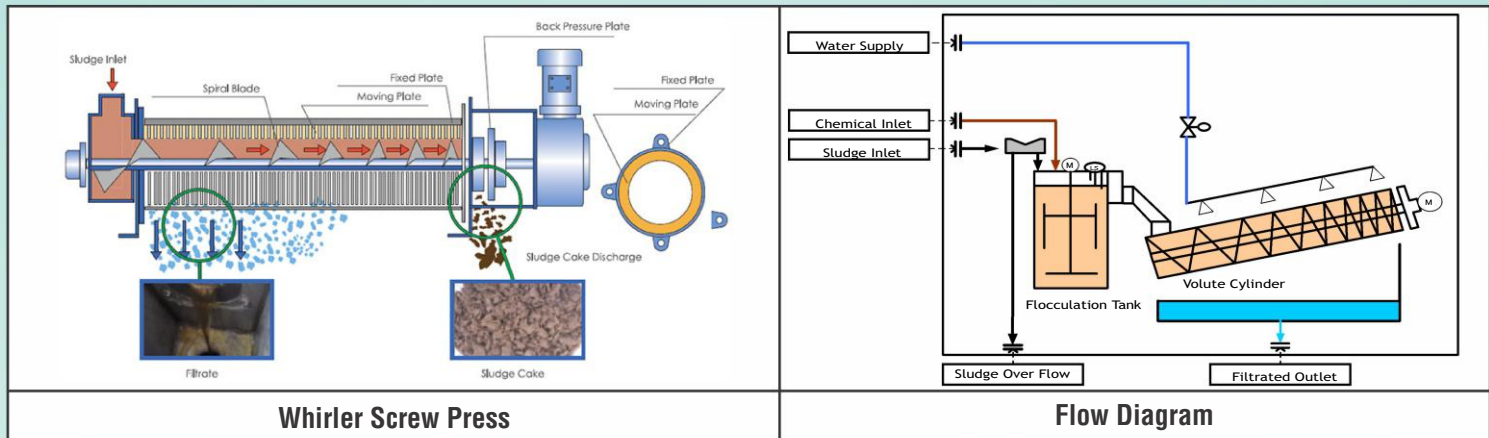


**Whirler Screw Press  
Innovative Sludge Dewatering Technology  
Offering Many Advantages Over Conventional  
Sludge Management Methods**



**WHIRLER ADVANTAGES**

- ▶ No Need For Thickeners, Sludge Storage, Or Separate Dosing Facilities.
- ▶ No Need For Regular Operator Attendance.
- ▶ Produces High-quality Filtrate, High Solids Recovery.
- ▶ Extremely Low Power Consumption—up To 95% Less Than Many Other Dewatering Processes
- ▶ Low Noise, Low Odor
- ▶ Low Wash Water Consumption
- ▶ Able To Handle Oily Sludges
- ▶ Rapid Installation



The Whirler Screw Press is a unique product That offers many advantages over current sludge management practices. The key to the process is the “dewatering drum.” This drum can achieve both thickening and pressing (dewatering) of the sludge in a single, compact operation. Thus the Whirler Screw Press can take sludge as dilute as 0.1% solids directly from a treatment process, such as an oxidation ditch or clarifier, and produce a cake of over 20% solids. Separate thickening, storage, and conditioning processes are eliminated. In addition, the need for operators, continuous use of wash water, and high power consumption are eliminated.

### Results achieved with " Whirler " Screw Press

Sludge type	Free Solids(%)	Cake solids (%)	Solid Recovery (%)	Polymer Used (kg per dry ton)
Waste Sludge	0.2 - 1.5	17 - 25	98	4.5 - 10
Digested Thickened	1.6 - 6	16 - 28	97	4.5 - 7.5
Primary	1.4	25 - 40	95	2.7 - 5.5

### TECHNICAL DETAILS:

Model	Capacities		Dimensions (Inch)			Weight ( Kg )		Power Use (HP)
	m3/hr	Dry Kg/Hr	L	W	H	Dry	Operational	
WSP 101	01	10	68	33	55	180	260	0.5
WSP 131	02	15	74	33	55	180	275	0.5
WSP 201	03	35	103	34	60	475	750	1
WSP 202	06	70	110	42	57	675	1150	2
WSP 301	08	150	139	39	68	850	1350	2
WSP 302	15	300	149	52	64	1400	2150	2
WSP 303	20	450	158	63	66	1850	3000	3
WSP 352	30	600	178	61	89	2700	4000	5
WSP 353	45	900	188	83	89	3900	6000	10
WSP 354	60	1200	221	123	89	6100	9200	12.5
WSP 355	75	1500	227	145	89	7500	10500	15
WSP 356	90	1900	177	156	89	8000	12000	20



## Whirler Centrifugals Pvt. Ltd.

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