



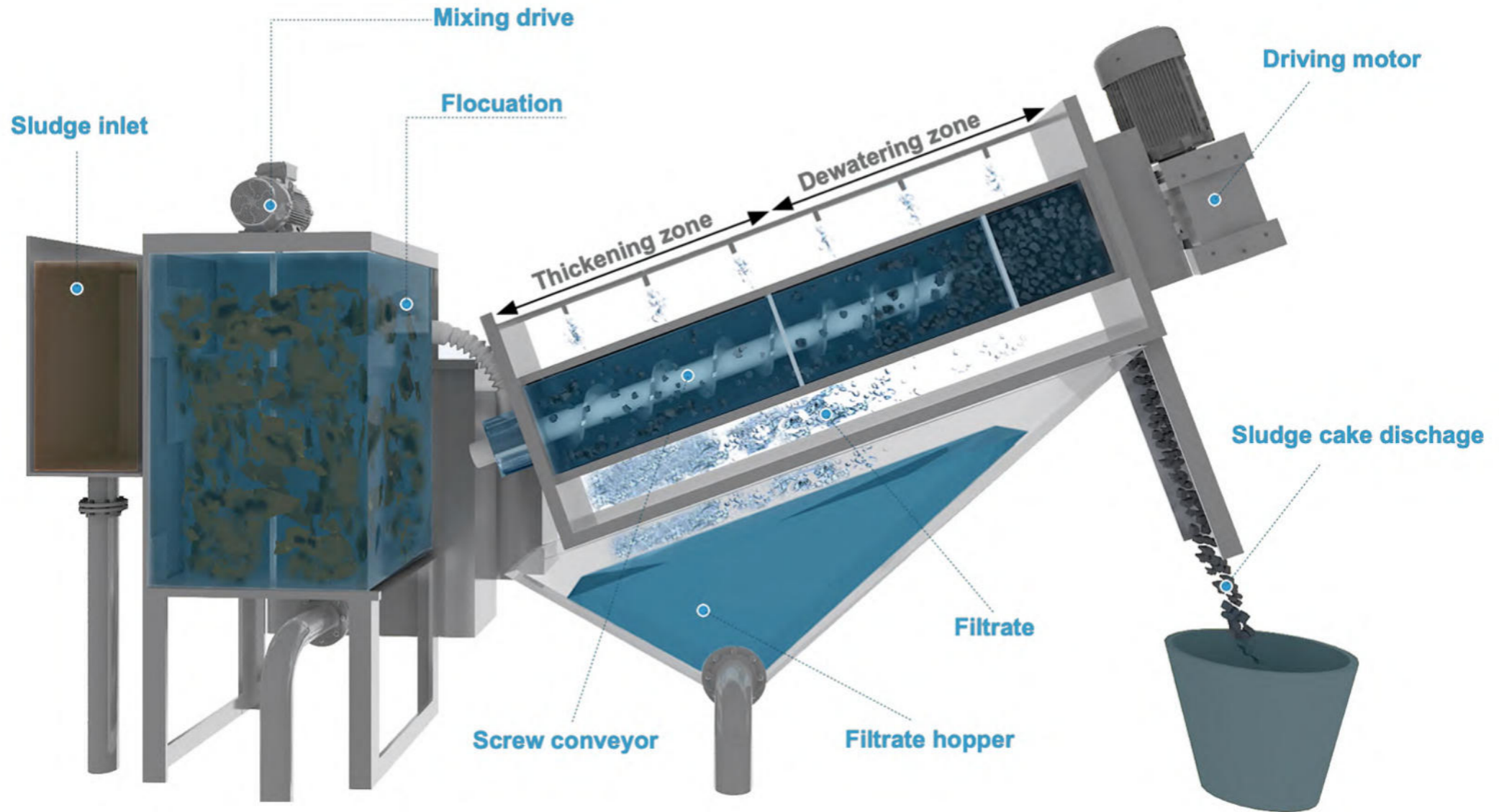
MULTI-DISC SCREW PRESS

FOR SLUDGE DEWATERING



KEY PARTS & FEATURES

ENVIRONMENTAL ENGINEERING



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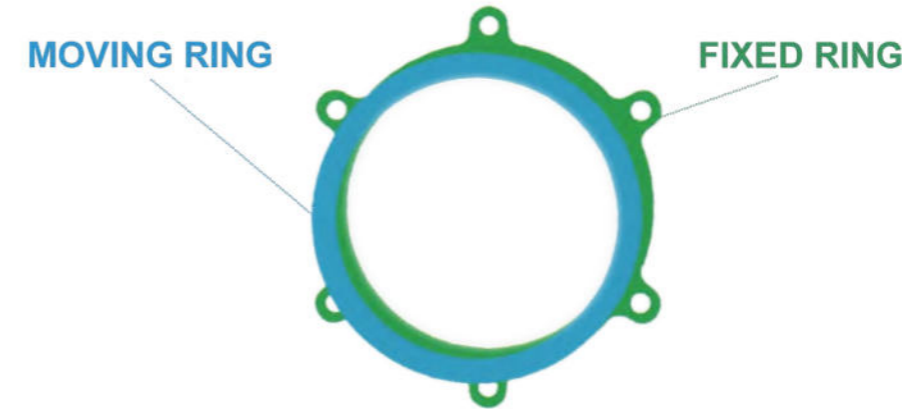
ENVIRONMENTAL ENGINEERING

The Multi-Disc Screw Press is a sludge dewatering machine for wastewater treatment plant featuring the following advantages;

- ① Applicable for a wide range of sludge concentration
- ② Self-cleaning, clog-free filtration
- ③ Low rotation speed, reliable operation, low energy consumption, little noise
- ④ Fully automatic control; Easy to operate and simple to maintain
- ⑤ Small space requirements

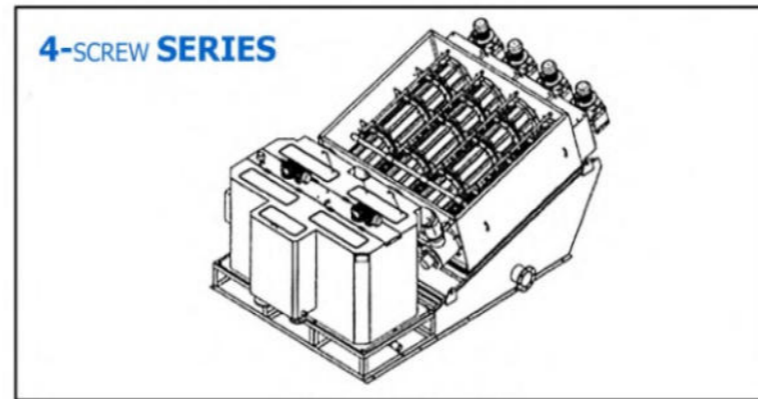
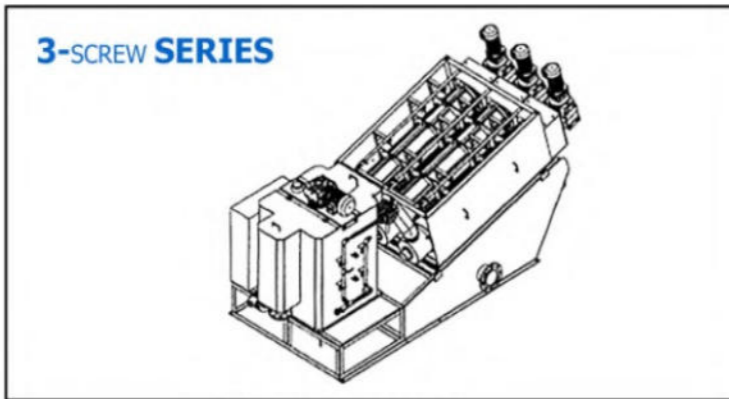
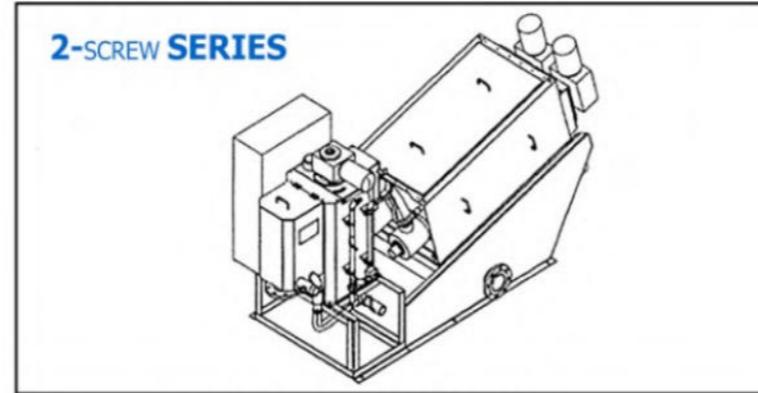
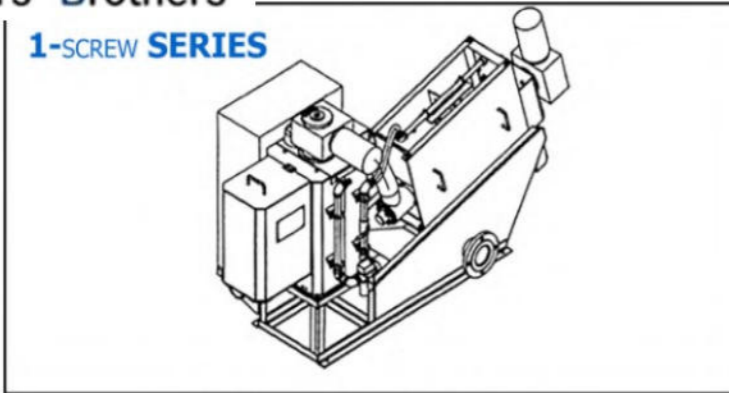


The Multi-Disc Screw Press is widely used for sludge dewatering and a solid-liquid separation of municipal and industrial wastewater from variety of industries including petroleum, food and beverage, feeds, pharmacy, paper making and painting industry.



The series of finely machined fixed and moving rings placed alternately provides efficient filtration that remains clog free due to the continuous movement of the rings. This eliminates the needs for consumables like filter cloth etc.

As clogging is avoided, the Multi-Disc Screw Press is able to handle oil sludge easily.



Multi-Disc Screw Press is designed to handle various types of sludge in different capacities. The processing capacity is available from 1.5 m³/h to 180m³/h at 0.2% sludge concentration and 0.3m³/h to 28m³/h at 2% sludge concentration.

Due to its modular design and compact construction, the capacities can be easily scaled up by running system in parallel to meet almost any capacity as required. Single-screw, double-screw, triple-screw and quadruple-screw makes 1-screw series, 2-screw series, 3-screw series and 4-screw series separately.

Our experienced and trained team of engineers will help you with the installation, operation and maintenance training.

SPECIFICATION AND MODELS OF MULTI-DISC SCREW PRESS

Model number	Processing Capacity	Sludge processing capacity (m ³ /h) under different sludge concentration				
	kg/h dry sludge(DS)	2000mg/l (0.2%)	4000mg/l (0.4%)	10000mg/l (1%)	20000mg/l (2%)	25000mg/l (2.5%)
SDSP-131	6-12	3	1.5	1.2	0.6	0.48
SDSP-132	12-24	6	3	2.4	1.26	0.96
SDSP-201	12-20	6	3	2	1	0.8
SDSP-202	24-40	12	6	4	2	1.8
SDSP-301	30-60	15	7.5	6	3	2.4
SDSP-302	60-120	30	15	12	6	4.8
SDSP-303	90-180	45	22.5	18	9	7.2
SDSP-351	60-120	30	15	12	6	4.8
SDSP-352	120-240	60	30	24	12	9.6
SDSP-353	180-360	90	45	36	18	14.4
SDSP-354	240-480	120	60	48	24	19.2
SDSP-401	100-170	50	25	17	8.5	6.8
SDSP-402	200-340	100	50	34	17	13.6
SDSP-403	300-510	150	75	51	25.5	20.4
SDSP-404	400-680	200	100	68	34	27.2