

Ovivo® Jones & Attwood Screw Compactor

High quality stainless steel construction.

Robust screw operating in a perforated plate trough.

The dewatering screen is cleaned automatically by the spiral mounted brush.

Exclusive, steady bearing fitted at the discharge and compaction end of the screw.

High capacity mech/elec drive system with ample overload capacity.



OFFERING

The image at right is of 'Duty' and 'Standby' machines, the screw diameter of these machines is 300 mm. Machines of 150, 200, 300, 400 and 500mm diameter screw are available.

Corresponding capacities are approximately 27, 64, 176, 230, and 318 ft³/hr of wet screenings.



APPLICATIONS


A RANGE OF OUTLET CHUTE ARRANGEMENTS TO
SUIT MOST COLLECTION METHODS



The Ovivo Screw Compactor is suitable for screening from inlet or sludge screens and is available in a range of sizes from 150mm to 500mm diameter. The largest machine can process up to 318 ft³/hour of screenings.

Screenings can be delivered to the screw compactor by conventional conveyor systems or by the more efficient washed launder method. The screw compactor can also sit directly beneath the screen discharge and process the solids immediately at the screen. Drainage of the liquors from resulting from the machine/s are diverted to the works drainage system or directly back to the incoming flow of effluent.

The Ovivo® Screw Compactor incorporates the original Jones+Attwood™ features that have a proven record of reliability and robustness.



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MACHINE SIZE CAPACITIES

Compactor Model	Screw Length (mm)	Max. Solids Capacity (ft ³ /hr)	Max. Inlet Water (GPM)	Screw Size (in)	Drive (HP)	Spray Water Usage (GPM @ 16 PSI)
150	1500	27	72	6"	0.5	6-12
200	1500	64	144	8"	1.0	6-16
300	2000	176	190	12"	5.0	16-20
400	2000	230	380	16"	7.5	16-20
500	2000	318	570	20"	7.5	16-20



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