

J+A Washpactor-Jet™ System

Improving Screenings Handling

Key features & benefits

- Improved raw sewage screening and compaction
- Range of capacities up to 24m³ / hr
- Stainless steel construction
- Automatic cleaning
- Optional material construction

How we create value

- Lower running costs
- Increase throughput capacities
- Rotational of dewatering bearing for extended life
- Safer handling and disposal of waste product



Photo shows duty and standby J+A Washpactor-Jet™ machines with a screw diameter of 300mm.

J+A Washpactor-Jet™ System

The J+A Washpactor-Jet™ system washes screened solids prior to final compaction. This eradicates much of the faecal matter that would otherwise foul the dewatered waste product.

Screenings can be delivered to the Washpactor-Jet machine by conventional conveyor systems or by the more efficient washed laundry method (as pictured). The Washpactor-Jet unit can also sit directly beneath the screen discharge and process screened solids immediately. Liquids drained from the Washpactor-Jet unit are either channeled into the works drainage system or back into the incoming flow of effluent.



Typical, well-compacted product, ready for disposal and meeting current legislation.

Benefits and Features

- Designed to accept water-borne solids from screening systems
- High quality stainless steel construction
- Automatic cleaning system for the dewatering screen
- High capacity mechanical / electrical drive system with ample overload capacity
- Internal machine wash system with automatic on / off flow control
- Range of outlet chute arrangements to suit most collection methods
- Robust screw mechanism operates in a perforated plate trough
- Exclusive steady bearing fitted at the discharge and compaction end of the screw
- High-rated drive end thrust and radial bearing



Before and after pictures of the J+A Washpactor-Jet™ machine that has been fitted with the wash water feature. This feature is an integral part of the J+A Washpactor-Jet™ design. The improvements (both visually and in terms of odour) are significant and sufficient for normal conditions.

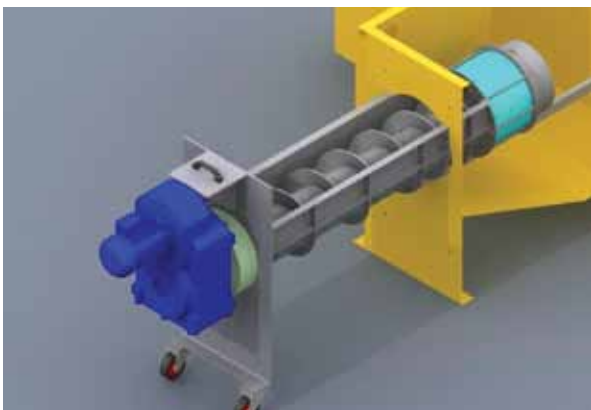
Capacity



Elevated screenings outlet into a standard skip.

Washpactor-Jet [™] Machine Size (screw diameter, mm)	Maximum Capacity (m ³ / hr)
150	0.7
200	1.8
300	5.0
500	12.0
500 duplex	24.0

Washpactor-Jet[™] units with increased capacities are also available, for which increased screw speeds and corresponding motor powers are necessary. Please refer any special requirements to Ovivo.



User-friendly compactor screw and washing head. Head can be removed to provide safe and easy access to the cleaning brushes without the need for a crane (optional design arrangement).



Sizing chart

Machine Size Capacities in M ³ /hour				Table of Dimensions (in mm)														
	Size	Screw length	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Motor size	
200mm, 8-in. dia. screw	1.8	200	1000	350	1460	615	750	500	650	735	380	70	210	1420	400	1750	100	.75kw
300mm, 12in.dia. screw	5.0	300	1500	750	1935	840	920	600	750	1250	480	70	315	1932	500	2400	150	5.5kw
500mm, 20-in. dia. screw	12	500	2000	820	2460	1200	1020	900	1010	2160	800	50	525	2435	650	2900	300	5.5kw

Screw compactors with increased capacity are available. Increased screw speeds and correspondingly increased motor powers are necessary. Please refer any special requirements to Ovivo.

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