



Proven Screenings Waste Handling Equipment.

The Sewaco SHT 200-50/60 range can take wastewater screenings from screens of any size and manufacturer. The transfer unit can process screenings from raw sewage screens efficiently and effectively. The process takes raw screenings direct from the screen discharge or via launder flow, separates the faecal matter rag and non organic waste, returning liquor back to the forward process, reducing the screenings to a dry product ready for disposal.

- Greatly reduces transportation.
- Greatly reduces operational costs—no back wash water required.
- Organics removed from flow reduces BOD load to down stream process.
- Separation system can be combined with flow balancing tank as a complete package.
- Options suitable for any S.T.W. From P.E. 200 up to P.E. 20,000.
- Operating capacity from 0.01 tonnes to 36.0 tonnes per day.
- Low capital cost combine with low power requirement give good TOTEX benefits to customers.
- 65% volume reduction.
- 25%+ dry matter can be achieved.
- Proven solids water separation systems combined into a simple assembly.
- Proven Low maintenance requirement.
- Built in grit protection and solids handling capability.
- Simple maintenance procedures with extended service intervals.



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SHT Range Screenings Waste Handling Equipment.

The Sewaco SHT 200-50-range can take wastewater screenings from most screens of other manufacturers. The low head design is most suited to work in combination with a static rundown screen to offer all waste flows pass on to forward flow vessel without the need for an additional break tank to pump screened effluent back into the process flows.

Model No.	kW motor	Minimum wet waste /day	Maximum wet waste /day	P.E. Range
SHT 200-50-0.75	0.75	10 kg per day	3600 kg per day	200PE to 2000PE
SHT 200-50-1.00	1.0	140 kg per day	7200 kg per day	2000PE to 4000PE
SHT 200-60-1.50	1.5	200 kg per day	10800 kg per day	4000PE to 6000PE
SHT 200-60-2.0	2.0	400 kg per day	14400kg per day	6K-PE to 8K-PE



No automatic wash water used in this system but it can be incorporated into this design. This machine is not designed to work with any metal or none compressible foreign objects. The SHT 200 –range is designed, manufactured and installed to ensure a safe system of work, under EU Machinery Directives 2006/42/EC for low voltage / electrically powered automatic belt driven rotating parts.

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Case Study Design Scope:

The process capability of the SHT 200 -50 -0.75 unit was designed to meet the following parameters:-

The SHT 200 -50 -will receive and process wet waste to the following limitations.

Maximum Waste stream from	600PE upper limit.
Maximum grit / stone size	> 5mm Ø
Minimum final screening content to be	5 – 10% dry matter.
Minimum flow rate of	5L/s
Maximum flow rate of	10L/s upper limit.
Wet waste volume @ peak flow is	0.9m ³ /day upper limit.
Wet waste mass @ peak flow is	1080kg/day upper limit.
Overflow back to balance tank up to	10L/s upper limit.
Pollution prevention from excess water	not exceeding 10L/sec.
Maximum operating temperature	-5°C
Maximum operating temperature up to	+25° C
Normal site maintenance frequency of 1 visit per week under normal flow conditions of 18 litres or 21.6kg per day through put of wet waste screenings.	
No automatic wash water system has been incorporated into this design.	
This machine is not designed to work with any metal or none compressible foreign objects.	
The SHT 200 -50 is designed, manufactured and installed to ensure a safe system of work, under EU Machinery Directives 2006/42/EC for low voltage / electrically powered automatic belt driven rotating parts.	



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