



Rotoshear[®] Heavy-Duty Screens

Model HRS-HD

Designed for continuous heavy solids loading

“Heavy-duty” to some manufacturers means greater mass and weight, not necessarily rugged functionality.

However, “heavy-duty” to the Parkson line of Rotoshear[®] automatic wedgewire screens means re-designing the standard from the ground up for a beefier unit that can withstand the test of heavy solids loading.

The Rotoshear[®] unit has been proven in over 25 years of use and was developed in response to more demanding industrial applications.



Design modifications included in heavy-duty Rotoshear® screens

- Heavier gauge wedgewire cylinder with larger substructure and external spiral wraps to handle the increased solids loading
- Thicker gauge cylinder heads to handle the extra stress
- Double quantity trunnion wheels to support the heavy load
- Larger, reinforced base frame to stabilize and support the weight
- Larger motor and drive chain to keep operation smooth and continuous



Heavy solids loading puts the Rotoshear® cylinder to the test



Rotoshear® screens

The Rotoshear® screen is an internally-fed, automatic wedgewire screen for wastewater and process flows in a multitude of applications. It is particularly good for removing fibrous, granular or greasy materials, and the beefed up, heavy-duty model can handle heavy amounts of solids over prolonged periods of time.

Rotoshear® screens are extremely user-friendly, low maintenance and energy efficient. They operate automatically without operator attendance. Spray bars keep the cylinder clean and prevent blinding. For high flows, heavy solids loading and continuous operation, the Rotoshear® heavy duty screen is the best choice.



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