



10" Hydrocyclone



*Good Solids Control Starts with Efficient
Removal of Fine Drill Cuttings*

Derrick 10" Hydrocyclone

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Derrick's 10" polyurethane hydrocyclones offer operators a high volume 500 GPM cone where feed is tangentially blended into the cone entry as a narrow rectangle. This design minimizes turbulence in the upper section of the cone, allowing the solids to move quickly to the cone wall. The cone is divided into three easy to replace or service sections which are held together by non-corrosive stainless steel clamps. The joints between each section are metal reinforced. The victaulic grooved connections for the feed and overflow are steel reinforced and the vortex finder is steel lined. Ceramic lower sections are available for longer life. The apex is available in 1.0, 1.375, and 1.5 inch sizes.

Derrick desanders make separations between 40 and 100 microns, and offer the flexibility of mounting either one, two, or three 10" desander cones over a cone underflow pan. Each 10" hydrocyclone processes 500 GPM at 75 feet of head, allowing for a maximum capacity of 1,500 GPM. The underflow can be discarded or directed onto a vibrating screen for further processing. Derrick desanders are available in vertical or inclined manifold stand-alone models, or for inclined mounting on Derrick shakers.



Inline Vertical Desander

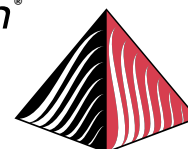


Horizontal 3 Cone Desander

An Integral Part of the High **G** Solution®



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PYRAMID™ SCREEN