

● **SCM-DESANDER**



The Scomi Equipment Inc desander (10" hydrocyclone) is an integral component of a solids control system providing additional support to the shakers operating at the front line. This equipment is particularly useful during the drilling of larger hole sections where shakers cut point has to be sacrifice to handle the higher mud flow rates.

PERFORMANCE

Each desander cone has a processing capacity of 500 gpm (1,893 lpm) and will efficiently remove sand-sized particles from 40 to 100 microns. Optimum performance for the desander is achieved when used with a correctly sized centrifugal feed pump for the application to ensure the correct head of pressure (75 ft / 22.86 m) is delivered to the desander cones.

PRECISION ENGINEERING

The desander cone is molded from rugged polyurethane for dependable, long-lasting performance and offers exceptional resistance to heat and abrasion. The desander cone has no moving parts and is made up of three sections for easy cleaning and replacement. A ceramic insert is available for high wear applications to prolong its useful life.

FEATURES & BENEFITS

- Rugged polyurethane construction
- High resistance to heat and abrasion
- Economical addition to the solids control system
- Available in 2 cone – 1,000 gpm / 3,785 lpm and 3 cone – 1,500 gpm / 5,678 lpm configurations
- Available in vertical and horizontal configurations for easy installation
- Adjustable apex
- Removal of sand-sized particles (40–100 microns)
- Easy to operate and maintain
- Optional ceramic insert available to prolong the useful life of the cone

SPECIFICATIONS

General	
Model	SCM-Desander
Capacity	500 gpm (1,893 lpm) per cone
Required Head	75 ft (22.86 m) at the header manifold
Separation Cutpoint	40-10 microns
Optional	Ceramic insert for increased wear resistance
Dimensions	
Vertical Desander 2 Cone/1,000 gpm	51.75" x 80.5" x 40.25" (1,314 mm x 2,051 mm x 1,022 mm)
Vertical Desander 3 Cone/1,500 gpm	61.75" x 80.5" x 40.25" (1,568 mm x 2,044 mm x 1,022 mm)
Weight	
2 Cone	1,213 lbs (550 kg)
3 Cone	1,332 lbs (604 kg)

