

# SCM-DESILTER



Our desilter (4" 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 shaker cut point has to be sacrificed to handle the higher mud flow rates.

### PERFORMANCE

Each desilter cone has a processing capacity of 60 gpm (227 lpm) and will efficiently remove silt-sized particles from 12 to 74 microns. Optimum performance for the desilter 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 desilter cones.

### PRECISION ENGINEERING

The desilter cone is molded from rugged polyurethane for dependable, long-lasting performance and offers exceptional resistance to heat and abrasion. A ceramic insert is available for high wear applications to prolong its useful life.

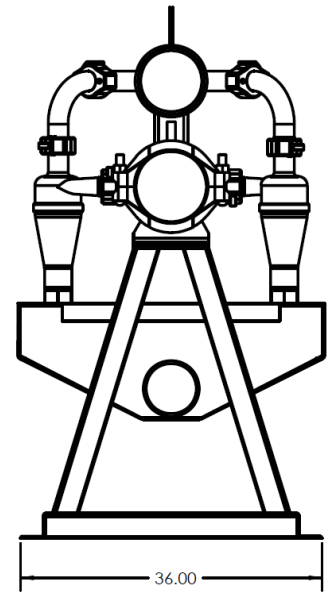
### FEATURES & BENEFITS

- Rugged polyurethane construction
- High resistance to heat and abrasion
- Economical addition to the solids control system
- Available in 8 cones (480 gpm) through 20 cones (1,200 gpm) configurations
- Available in straight and round manifold configurations for easy installation
- Adjustable apex
- Removal of silt-sized particles (12–74 microns)
- Easy to operate and maintain
- Optional ceramic insert available to prolong the useful life of the cone

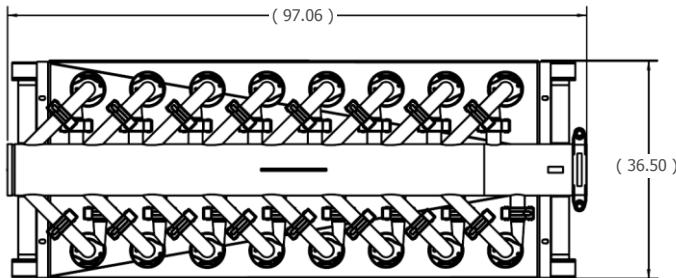
# SOLIDS CONTROL

## SPECIFICATIONS

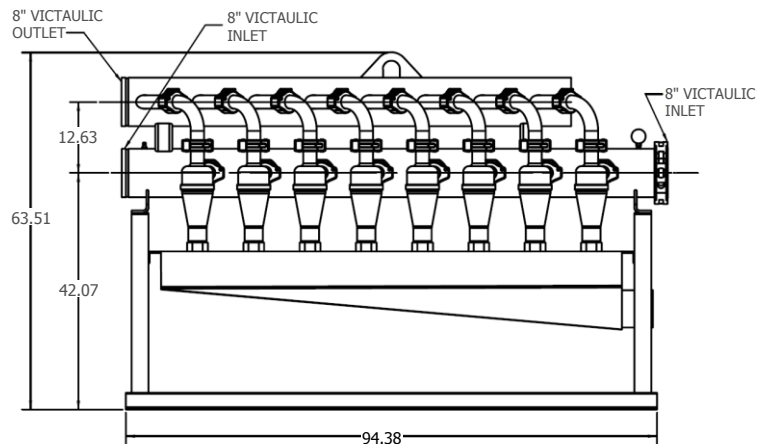
General	
Model	SCM-Desilter
Capacity	60 gpm (227 lpm) per 4" cone
Required Head	75 ft (22.86 m) at the header manifold
Separation Cutpoint	12 – 74 microns
Optional	Ceramic insert for increased wear resistance
Dimensions	
4" Vertical Desilter - 8 Cone 480 gpm	68" x 36.5" x 64" (1,727 mm x 927 mm x 1,626 mm)
4" Vertical Desilter - 10 Cone 600 gpm	78" x 36.5" x 64" (1,981 mm x 927 mm x 1,626 mm)
4" Vertical Desilter - 12 Cone 720 gpm	88" x 36.5" x 64" (2,235 mm x 927 mm x 1,626 mm)
4" Vertical Desilter - 16 Cone 960 gpm	97" x 36.5" x 64" (2,464 mm x 927 mm x 1,626 mm)
Desilter 16/20 Cone Round 960 / 1,200 gpm	80" x 66.5" x 68" (2,032 mm x 1,689 mm x 1,727 mm)
Weight	
8 Cone Vertical	750 lbs (340 kg)
10 Cone Vertical	900 lbs (408 kg)
12 Cone Vertical	1,050 lbs (476 kg)
16 Cone Vertical	1,500 lbs (680 kg)
16/20 Cone Round	2,481 lbs (1,125 kg)



END VIEW – 16 CONE



PLAN VIEW – 16 CONE



FRONT VIEW – 16 CONE