

**SCM-PrimaG 4P
MUD CLEANER**

Scomi Equipment Inc offers a comprehensive range of Solids control equipment for oilfield applications. The Scomi Equipment Inc line of high performance shakers are specifically designed and engineered to efficiently and reliably separate solids from drilling mud.

The SCM-PrimaG 4P Mud Cleaner is a 2 or 3 cone 10" desander and 16 or 20 cone 4" desilter mounted above a Linear Motion shale shaker which produces 7.3 g's of vibrational force. The PrimaG 4P Mud Cleaner has been designed with an impressive 30 ft² of screening area while maintaining a small equipment footprint. The large screen area of 30 ft², 7.3 g's of force and linear motion results in excellent solids conveyance and outstanding performance.

PERFORMANCE

Shaker performance can be characterized as a product of screen area multiplied by G force, the 210 ft²-g's is one of the highest in the industry and this results in excellent separation and solids conveyance while extending screen life.

VIBRATOR

The SCM-PrimaG 4P Mud Cleaner uses SVX vibrators which are extremely durable with long life bearings producing less noise.

FEATURES & BENEFITS

- Linear Motion shaker with 7.3 g's of vibrational force
- Large screening area of 30 ft² (2.79 m²)
- Small equipment footprint
- Durable polyurethane wedge blocks hold screens securely in place
- Cones constructed from rugged polyurethane
- Baskets are fully seal welded and stress relieved
- Two (2) layers of powder coat. Baked-on zinc-rich epoxy 1st layer for corrosion resistance and abrasion resistance final coat
- Scomi shakers are engineered to minimize screen wear
- The large screening area
- Low weir height
- Efficient vibration isolation, hence a quiet machine during operation
- Seal welded baskets reduce corrosion and increase machine life
- Minimal maintenance requirement

DESANDER

The desander cone is molded from polyurethane for dependable, long lasting performance and offers exceptional resistance to heat and abrasion. 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. The desander is available in 2 or 3 cone configurations.

DESILTER

The polyurethane desilter cones are available in 16 or 20 cone configurations with each cone processing 60 gpm (227 lpm) and will efficiently remove silt-sized particles from 12 to 74 micron.

VIBRATION ISOLATION

Stainless steel spring isolators provide superior vibration isolation and corrosion resistance. The shaker basket is hung from the spring and the springs are constantly in tension which gives superior isolation while allowing for superior vibration transmission throughout the basket with no vibration dampening.



WEDGEBLOCK

Durable polyurethane wedge blocks hold screens securely in place. Wedgeblock fasteners produce easier and better tightening of wedge blocks against the screen hence ensuring screens remain tight independent of wear.

SPECIFICATIONS

General	
Model	SCM-PrimaG 4P Mud Cleaner
Speed	1800 rpm
G Force	7.3 g's
Screens	
No. of Screens	4
Screen Area/ Panel	5.56 ft ² (0.5165 m ²)
OCW Screen Size	46.25" x 24" (1,175 mm x 610 mm)
Non-Blanked Screen Area	22.24 ft ² (2.066 m ²)
Screen Angle	0 to 6+ deg
Hydro Cyclone	
Desander	2 x 10" cones (1,000 gpm) 3 x 10" cones (1,500 gpm)
Desilter	16 x 4" cones (960 gpm) 20 x 4" cones (1,200 gpm)
Dimensions	
Length	145" (3,683 mm)
Width	72" (1,829 mm)
Height	102" (2,591 mm)
Weir Height	31" (787.4 mm)
Weight	
Net	8,600 lbs (3,901 kg)
Utility Requirements	
Power	5 hp / 2 x 2.5 hp (3.73 kW / 2 x 1.86 kW)
Voltage	380 / 460 V
Frequency	50 / 60 Hz
Phase	3 Phase

