

**SCM-PrimaG 4P**  
**LINEAR MOTION**  
**SHALE SHAKER**

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 shaker is a Linear Motion shale shaker which produces 7.3 g's of vibrational force. The PrimaG 4P Linear Motion shale Shaker has been designed with an impressive 30 ft<sup>2</sup> of screening area while maintaining a small equipment footprint. The large screen area of 30 ft<sup>2</sup>, 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 ft<sup>2</sup>-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 uses SVX vibrators which are extremely durable with long life bearings producing less noise. The SVX Vibrators deliver 7.3 g's of vibrational force to the Scomi PrimaG.

**FEATURES & BENEFITS**

- Linear Motion shaker with 7.3 g's of vibrational force
- Large screening area of 30 ft<sup>2</sup> (2.79m<sup>2</sup>)
- Small equipment footprint
- Durable polyurethane wedge blocks hold screens securely in place
- Baskets are fully seal welded and stress relieved
- Two (2) layers of powder coat. Baked-on zinc-rich epoxy 1<sup>st</sup> layer for corrosion resistance and abrasion resistance final coat
- Scomi shakers are engineered to minimize screen wear
- 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

## SOLIDS CONTROL

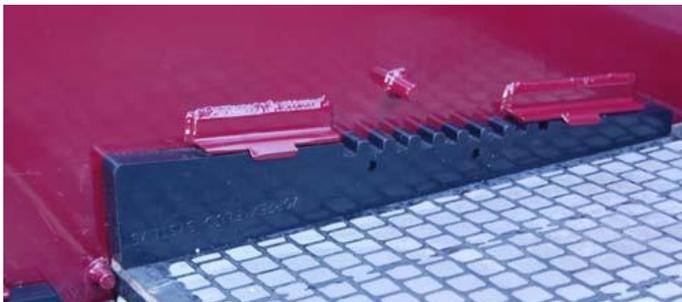
### VIBRATION ISOLATION

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.



### DURABILITY

All baskets are fully seal welded and stress relieved which not only improves vibration transmission to the screen but also reduces corrosion, adding years to a machines life.

### SPECIFICATIONS

General	
Model	SCM-PrimaG 4P
Speed	1800 rpm
G Force	7.3 g's
Screens	
Number of Screens	4
Screen Area per Panel	5.56 ft <sup>2</sup> (0.5165 m <sup>2</sup> )
Screen Panel Area	7.71 ft <sup>2</sup> (0.7163 m <sup>2</sup> )
Non-Blanked Screen Area	22.24 ft <sup>2</sup> (2.066 m <sup>2</sup> )
Screen Angle	0 to +6 degree
Dimensions	
Length	126" (3,200 mm)
Width	68.75" (1,746 mm)
Height	70" (1,778 mm)
Weir Height	31" (787.4 mm)
Weight	
Net	4,800 lbs (2,177 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

### CORROSION PROTECTION

The Scomi PrimaG has two layers of powder coat. The first coat is baked-on Zinc-rich epoxy which provides corrosion resistance. The final coat provides abrasion resistance.