

SCM-PrimaG 3P LINEAR MOTION SHALE SHAKER



The SCM-PrimaG shaker is a Linear Motion shale shaker which produces 7.6 g's of vibrational force. The PrimaG 3P Linear Motion Shale Shaker has been designed with an impressive 23 ft² of screening area while maintaining a small equipment footprint. The large screen area of 23 ft², 7.6 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 175 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 uses SVX vibrators which are extremely durable with long life bearings producing less noise. The SVX Vibrators deliver 7.6 g's of vibrational force.

FEATURES & BENEFITS

- Linear Motion shaker with 7.6 g's of vibrational force
- Large screening area of 23 ft² (2.14 m²)
- 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 1st layer for corrosion resistance and abrasion resistance final coat
- 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 3P
Speed	1800 rpm
G Force	7.6 g's
Screens	
Number of Screens	3
Screen Area per Panel	5.56 ft ² (0.5165 m ²)
Screen Panel Area	7.71 ft ² (0.7163 m ²)
Non-Blanked Screen Area	16.68 ft ² (1.550 m ²)
Screen Angle	0 to +6 degree
Dimensions	
Length	100" (2,540 mm)
Width	68.75" (1,746 mm)
Height	70" (1,778 mm)
Weir Height	31" (787.4 mm)
Weight	
Net	4,000 lbs (1,814 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

Two layers of powder coat.

The first coat is baked-on Zinc-rich epoxy which provides corrosion resistance. The final coat provides abrasion resistance