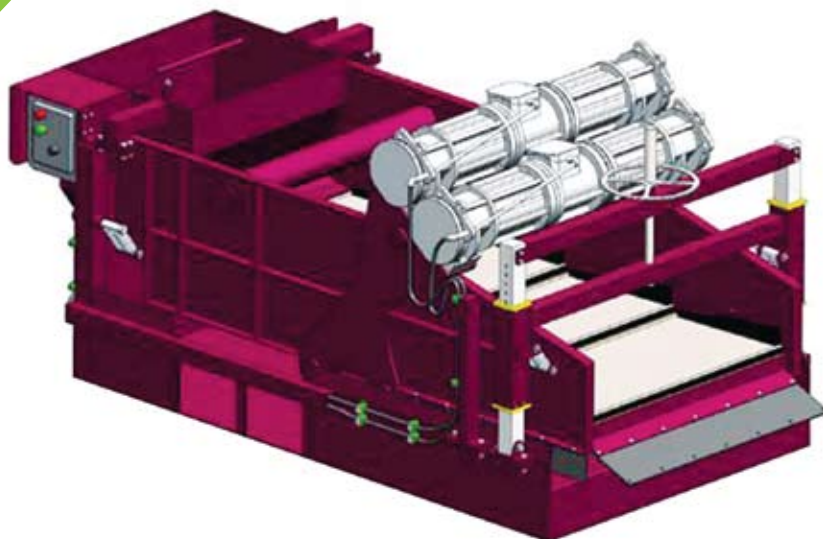


● **SCM SHAKER**

Scomi Oiltools offers a comprehensive range of high “G” force linear motion shale shakers for oilfield applications. These high performance shakers are specifically designed and engineered to efficiently and reliably separate solids from drilling mud. All our SCM shakers are engineered to minimise screen wear.



The Scomi Oiltools SCM Shaker is a high-g linear motion shaker with 7g's of vibrational force. Since screening area directly affects solids processing capacity, the SCM Shaker has been designed with an impressive 30 ft of screening area while maintaining a small equipment footprint.

BENEFITS**PERFORMANCE**

The SCM Shaker provides excellent conveyance of solids. With shaker performance being characterised as a product of screening area and g's, the SCM Shaker has one of the highest performance ratings in the industry. When run at 7g's combined with its large screening area, the SCM Shaker has a performance rating of 210 ft²-g (83.6 m²-g).

VIBRATOR

The SCM Shaker uses a SVX vibrator. The vibrators are equipped with long-life bearings producing less noise than conventional vibrator's with oil bath bearings. The vibrators can be used with a variable frequency drive in ordinary and hazardous atmospheres.

WEDGEBLOCK TOOL

Durable polyetherane 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

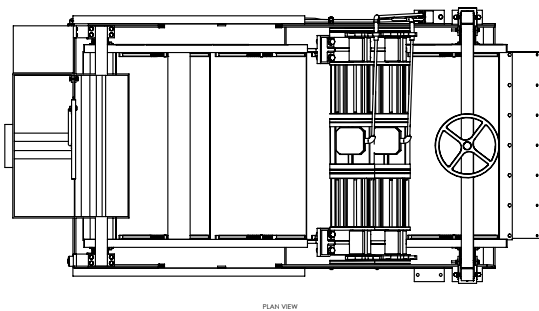
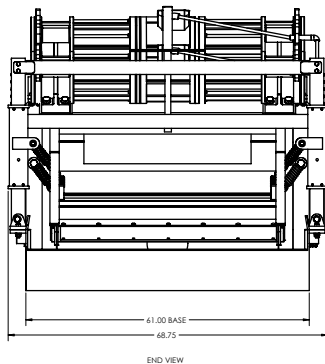
All baskets are fully seal welded and stress relieved. Seal welding reduces corrosion, adding years to a machine's life. The SCM Shaker requires minimal maintenance, even in oil based muds.

CORROSION PROTECTION

The SCM Shaker 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. Most fasteners are stainless steel providing excellent corrosion resistance.

NOISE REDUCTION

The SCM Shaker uses efficient vibration isolation and hence it is an exceptionally quiet machine during operation.



SPECIFICATIONS

General

Shaker Model	SCM Shaker
Speed	1800 rpm
"G" Force	7 G's

Screens

Number of Screens	4
Screen Area / Panel	5.56 ft ² (0.5165 m ²)
OCW Screen Size	46.25 x 24 in (1175 x 610 mm)
Actual Screen Area	22.24 ft ² (2.066 m ²)
Screen Angle	0 to +5 degrees

Dimensions

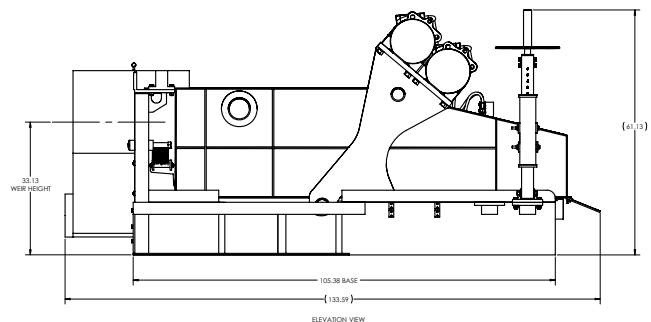
Length	133.5 in (3391 mm)
Width	68.75 in (1746 mm)
Height	61.5 in (1562 mm)
Weir Height	33.5 in (851 mm)

Weight

Net	4800 lb (2177 kg)
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Utility Requirements

Power	5 hp (2 x 2.5 hp) (3.73 kW [2 x 1.86 kW])
Voltage	380 v or 460 v
Frequency	50 or 60 Hz
Phase	3 phase



Scomi

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