

MONGOOSE Max



High-capacity shaker

Increase solids- and fluid-handling capacity and fluid recovery

Applications

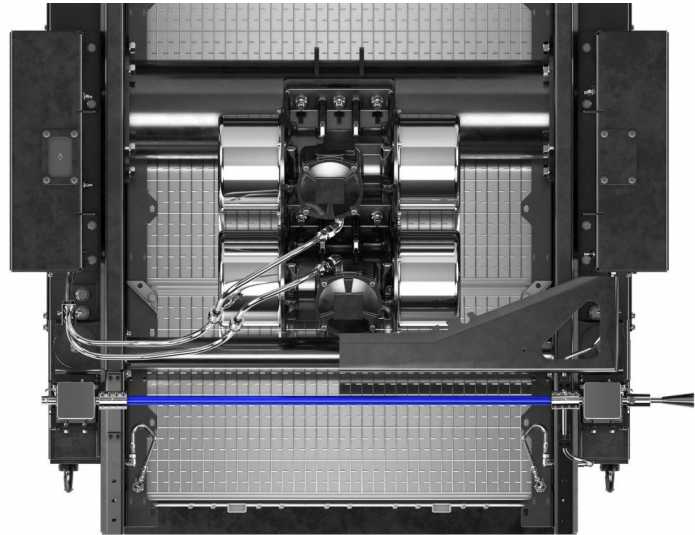
- Onshore drilling environments
- Offshore drilling environments
- Environmentally sensitive environments

Features

- Simple and quick single-point manual deck adjustment
- Safer single-point frontal screen loading
- Improved clamping with pneumatic actuators
- Weir height similar to MONGOOSE PRO™ dynamic dual-motion shaker
- Retrofittable to the MONGOOSE PRO shaker skid and third-party skids
- Improved screen sealing with integrated latching technology for zero-bypass performance

Certifications

- Underwriters Laboratory (UL) certified
- ATEX certified



MONGOOSE Max high-capacity shaker.

How it improves performance

The MONGOOSE Max™ high-capacity shaker is the latest advancement in shale shakers, significantly increasing solids- and fluid-handling capacity by 35%, and fluid recovery by 40%. The MONGOOSE Max shaker performs elliptical motion and enables voltage switching from 380 V to 460 V via the wired control panel on both the UL and ATEX models.

With the integration of the SCREEN PULSE™ fluid and cuttings separator technology as an optional add-on, overall oil on cuttings by weight is improved by 1.0% from the 1.8% possible with third-party separators, and whole mud on cuttings is reduced by up to 40%. Discarded solids pass 99% US EPA Paint Filter Liquids Test 9095B and lower waste by 25%.

How it works

The balanced elliptical motion provides a g-force of 8 to quickly move high volumes of solids across the screens. The motion increases conveyance rates and shaker fluid capacity while enabling the shaker to process heavier solids. The efficiency of this motion enables higher processing rates while increasing cuttings dryness to minimize haul-off costs.

Additional information

With bolt-on jet nozzle assembly and pulse panel available as an optional add-on service, the MONGOOSE Max shaker was designed to work as a stand-alone technology or as an integrated solution with the SCREEN PULSE separator.