

# LINEAR MOTION SHAKER

- **Robust and versatile**
- **Optimum between price & technical achievement**
- **Adjustable deck angle for flexible control of separation properties**
- **Explosion proof vibration motors allow application in ATEX Zone 1**
- **Can be deployed in drilling and tank cleaning operations**

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**We get the task done!**

# LINEAR MOTION SHAKERS

## TKL-SERIES

The Task TKL-series are especially designed for use in the drilling industry. High G-force in a shaker is essential to convey the amount of cuttings generated while drilling hole, to dewater drill cuttings to reclaim expensive drilling fluids, and to minimize waste. While drilling top hole sections, where heavy, high volume cuttings are typically encountered, shakers need to generate high G-force to effectively convey dense solids.

However, as conditions change in drilling and fluids, the G-force of the TKL-448 AG LE can be adjusted with the simple twist of the wrist at the control panel, therefore changing the cuttings conveyance velocity. This can be done without shutting down the shaker and adjusting the weight settings on the vibrator motors. As a result, Task's TKL-448 AG LE can provide drier solids, improved drilling fluid recovery, longer screen life and reduced operating costs.

All units can be provided with 400V / 50Hz or 460V / 60Hz; generate a noise level less than 80 decibels (dB); and are fitted with an adjustable deck capable of inclinations of -2 to +5°. The high G-Force design will effectively convey the solids across the screens. All units will be provided with explosion proof motors or standard motors for HDI and tunneling.



| Technical Details   |                                |                                |                                    |                                    |                                   |
|---------------------|--------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| Model               | TKL-48 STDP                    | TKL-48AG                       | TKL-48D                            | TKL-448 AG                         | TKL-48 SS                         |
| Description         | Three Panel Single Deck Shaker | Three Panel Single Deck Shaker | Five Panel Dual Deck High G Shaker | Four Panel Dual Deck High G Shaker | Six Panel Dual Deck High G Shaker |
| Screen Type         | Pretensioned or Hook Strip     | Pretensioned                   | Hook Strip & Pretensioned          | Pretensioned                       | Pretensioned                      |
| Max G-Force         | 7                              | 7                              | 7                                  | 7                                  | 7                                 |
| Vibrating Motors    | 2 x 1,15 kW                    | 2 x 1,15 kW                    | 2 x 1,8kW                          | 2 x 1,8kW                          | 2 x 1,8kW                         |
| Screen Surface Area | 2,6m <sup>2</sup>              | 2,6m <sup>2</sup>              | 4m <sup>2</sup>                    | 3,4m <sup>2</sup>                  | 5,2m <sup>2</sup>                 |
| Max Flow Rate       | 2270 ltr/min                   | 2270 ltr/min                   | 2840 ltr/min                       | 2840 ltr/min                       | 2840 ltr/min                      |
| Length              | 3000 mm                        | 2200 mm                        | 3050 mm                            | 3050 mm                            | 3050 mm                           |
| Width               | 1780 mm                        | 1780 mm                        | 1780 mm                            | 1780 mm                            | 1780 mm                           |
| Weight              | 2066 kg                        | 1633 kg                        | 2350 kg                            | 2494 kg                            | 2350 kg                           |