



MudCube®

Safe Efficient Solids Control

MudCube® is a modern, lightweight and cost-efficient alternative to traditional shale shakers that, instead of high G-force vibration, combines high airflow through a rotating belt with micro vibrators underneath to more effectively separate all types of drilling fluids from drilled solids.

MudCube's enclosed, non-vibrating design eliminates operator exposure to mud mist, excessive noise & extreme vibration.

Now the MudCube is released in an enhanced version where the vacuum unit is fully integrated within the footprint of the MudCube.



General Specifications	SI Units	Imperial
MudCube Unit: Length / Width / Height	2657 / 2142 / 1788 mm	104.6 / 84.3 / 70,4 in
Weight of MudCube	1520 kg	3351 lb
Vacuum Pump Airflow	840 m³/h	495 cfm
Ambient Temperature	(-35 °C) -20 - 50 °C (60 °C)	(-31 °F) -4 - 122 °F (140 °F)
Design Mud Temperature	85 °C	185 °F
Filterbelt (screen) mesh sizes API 13C standard	20, 30, 40, 50, 60, 70, 80, 100, 120, 140, 170, 200, 230, 270, 325	
Active filtration area	2,5 m²	26.9 ft²
Total effective screen area	6,85 m²	73.7 ft²
MudCube Body Material	316 L stainless steel	
Certification	ATEX Zone 1, Temp class T3, Gas group IIB	

Air & Power Requirements	SI Units	Imperial
Electrical Power Supply 440 (690) VAC, 50/60Hz	8 kW	11 HP
Compressed Air Supply (continuous)	1,94 Nm³/min @ 6 barg	69 cfm @ 87 psi
Compressed Air Supply (intermittent)	4,5 Nm³/min @ 4 barg	159 cfm @ 58 psi