

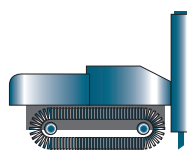


AGIVA SANDMAN



AGIVA CLAYMAN

Mud Recycling



AGIVA SANDMAN

KEEP YOUR JOBSITE CLEAN AND YOUR CUSTOMER HAPPY WITH THE AGIVA SANDMAN!

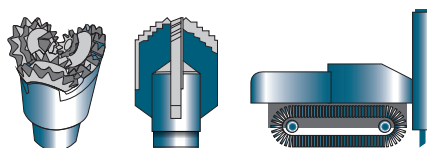
TECHNICAL DATA

This section contains an overall description of the product.

Weight, Dimensions etc.

Length	1280 mm
Width	940 mm
Height	1050 mm (inc. manifold)
Weight empty	210 kg
Operating weight (estimated)	230 kg
Vibration frequency	1500 Hz
Amplitude	3.7 mm

E L E C T R I C	Starting current	20A per vibrator
	Full load current	0.6A per vibrator
	Power	300 watts
	Electrical supply	400 volts, 3 phase 50 Hz
H Y D R A U L I C	Hydraulic flow	26 LPM
	Hydraulic pressure	40 bar



Main Features

The unit consists of:

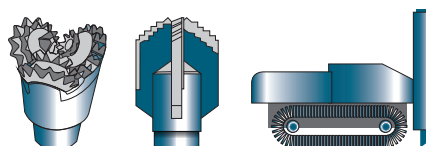
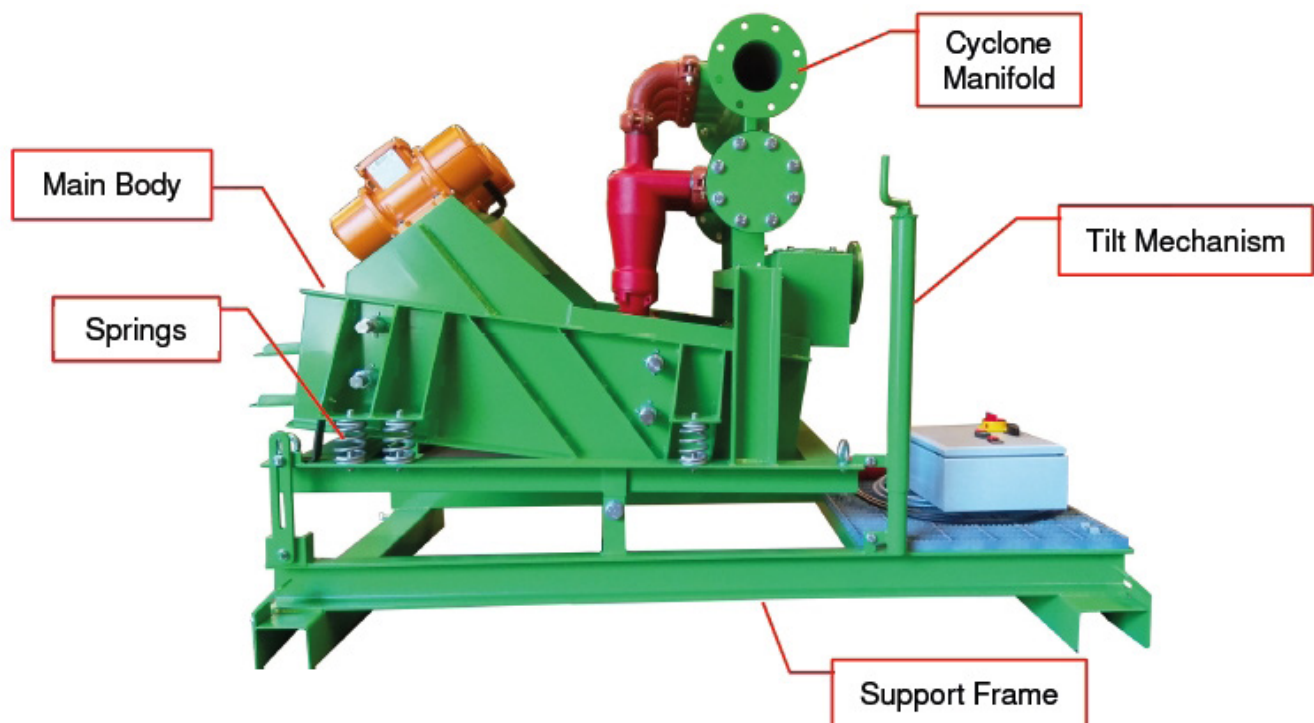
- Robust mild steel chassis
- Integral stainless steel weir box
- Twin 415 V electric vibrator motors
- Weatherproof electrical control panel
- 6 spring pack assemblies
- 1 or 2 steel mesh screens
- 0,2; 3 or 4 x 2" cyclones
- Mild steel manifold unit for feeding cyclones
- Possibility to add mud tank (2.400 liter) with stairs for easy operations

Alternative Hydraulic
=> 2 hydro engines

Can be taken apart quickly, making it easy to maintain and to clean in the field.

Handling & Storage

The complete unit can be lifted as a single item.



Operations

The unit is powered by two vibrator motors mounted on the vibrating body. The drilling residue is pumped (using an external pump) into the weir box on the rear of the separator.

The AGIVA Sandman can be stand-alone or built as module on a drilling rig. The AGIVA Team analyzes the needs and proposes a tailor made solution.

In stand-alone case, the AGIVA Sandman is usually a double-deck construction, featuring a bottom coarse sieve deck and a finer silts top deck.

In combination with the AGIVA Clayman, the AGIVA Sandman is used a single deck, recovering the very last drilling fluid back to the borehole.



Single deck ready to mount on a ship.



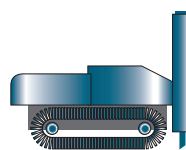
Double deck ready to mount on a custom made mud tank.



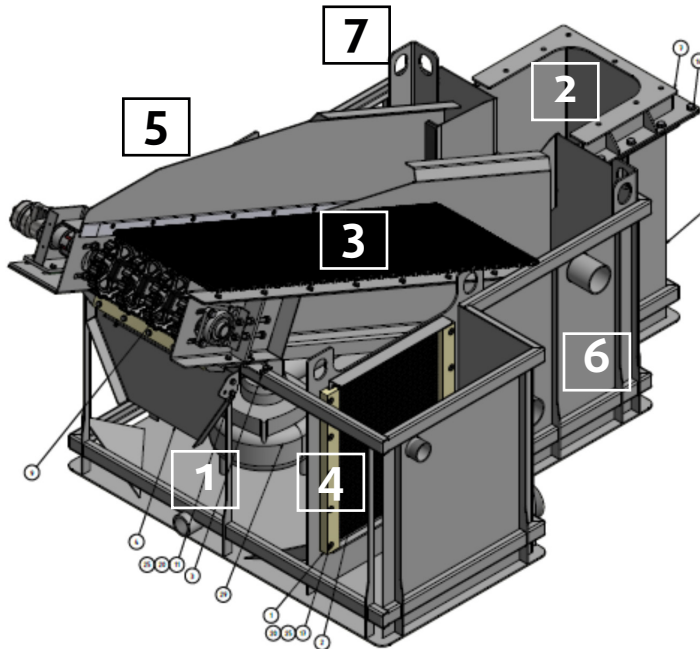
Double deck



Double deck mounted on a custom made mud tank.



AGIVA CLAYMAN



Main components Clayman:

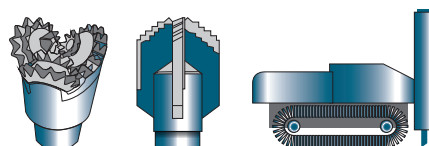
- 1 Mud tank
- 2 Casing passage
- 3 Conveyor belt
- 4 Submersible pump (optional)
- 5 Water inlet
- 6 Flow diverter desanded water
- 7 Lifting eye

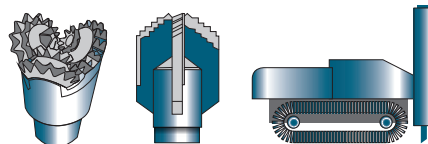
Description

The Clayman is a mud recycling unit used in drilling applications to remove clay and gravel cuttings by means of a conveyor belt.

The conveyor belt is driven by a hydraulic motor connected on the hydraulic system of the drill rig. Drill water additives and polymers can be mixed straight into the mud by means of the venturi mixer. The drilling operator can control the condition of the drill water whilst performing the drilling operations from the operating position.

If used in combination with a desanding cyclone or the AGIVA Sandman desanding device, the sand can be separated from the mud, to keep the mud in perfect condition. Inside the mud tank, there is sufficient space to install a hydraulic submersible pump to enforce the recirculation of the water to an external desanding device. Thanks to its flow design, the tank is self-cleaning.





Weight, Dimensions etc.

Length	2.000 mm
Width	1.300 mm
Height	1.100 mm
Weight empty	600 kg
Maximal mud flow	ca 120 m ³ /h
Maximal casing diameter	300 mm
Volume Tank	ca 700 l
Maximal speed conveyor belt	64 m/min
Width conveyor belt	450 mm

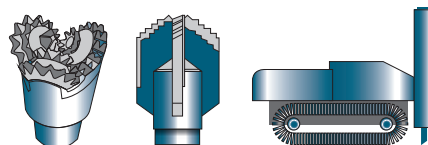
- => Sealing rubber for casing and for drill rods;
- => Check valve on the outlet to ensure a constantly primed mud pump;
- => 2 drain connections to allow easy emptying after drilling;
- => Quick couplings on the water connections for easy installation (several types available).
Size: 3"-4";
- => All hoses can be stored on the Clayman during transport.

Venturi mixer system

Venturi mixer system for easy mixing of additives like polymers and bentonite.

Casing entrainer

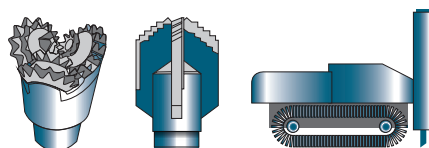
Agiva International can supply tailor-made casings- & drive systems including auger and drive axels according to required diameters.





AGIVA INT BV
Kunstberg 5
B-9900 EEKLO

T. +32 (0) 50 71 26 60
E. info@agiva.eu



www.agiva.eu