



Mobile Drill Rig EMD-300

Description:

The EMD-300 is a heavy duty drilling rig. The rig is designed for vertical drilling with a depth of 300 meters into the earth using 3 or 6 meter long drill rods. A mud pump and compressor is mounted for Down-The-Hole hammer or mud circulation drilling. The EMD-300 can be delivered mounted on a MAN 8x8 carrier truck or as unit for mounting on a 6x6 desert buggy. The rig is driven by a 250HP Diesel engine.

Specifications:

Skid transport dimensions LxH	: 10,9x11,6 [m]
Skid weight (dry) (approx.)	: 17.000 [Kg]
Power source	: 250HP Diesel
Power supply & control	: Electr./Hydr.
Drilling depth	: ±300 [m]
Working stroke mast	: 6,8 [m]
Max. drilling torque	: 4500 [Nm]
Max. rotation speed	: 170 [rpm]
Hydraulic pressure	: 400 [bar]
Drill rod diameter	: 160 [mm]
Max. pull up force	: 160000 [N]
Max. pull down force	: 120000 [N]
Delivery mud pump	: 700 [L/min]
Pressure mud pump	: 25 [Bar]
Capacity compressor	: 133 [L/s]
Pressure compressor	: 12 [Bar]
Delivery centrifugal pump**	: 138 [m ³ /h]
Pressure centrifugal pump**	: 9 [Bar]
** Optional	



Mast:

The rig is provided with a 8,4 meter long mast with a usable working stroke of 6,8 meter for drilling 3 and 6 meter drill rods.

Application:

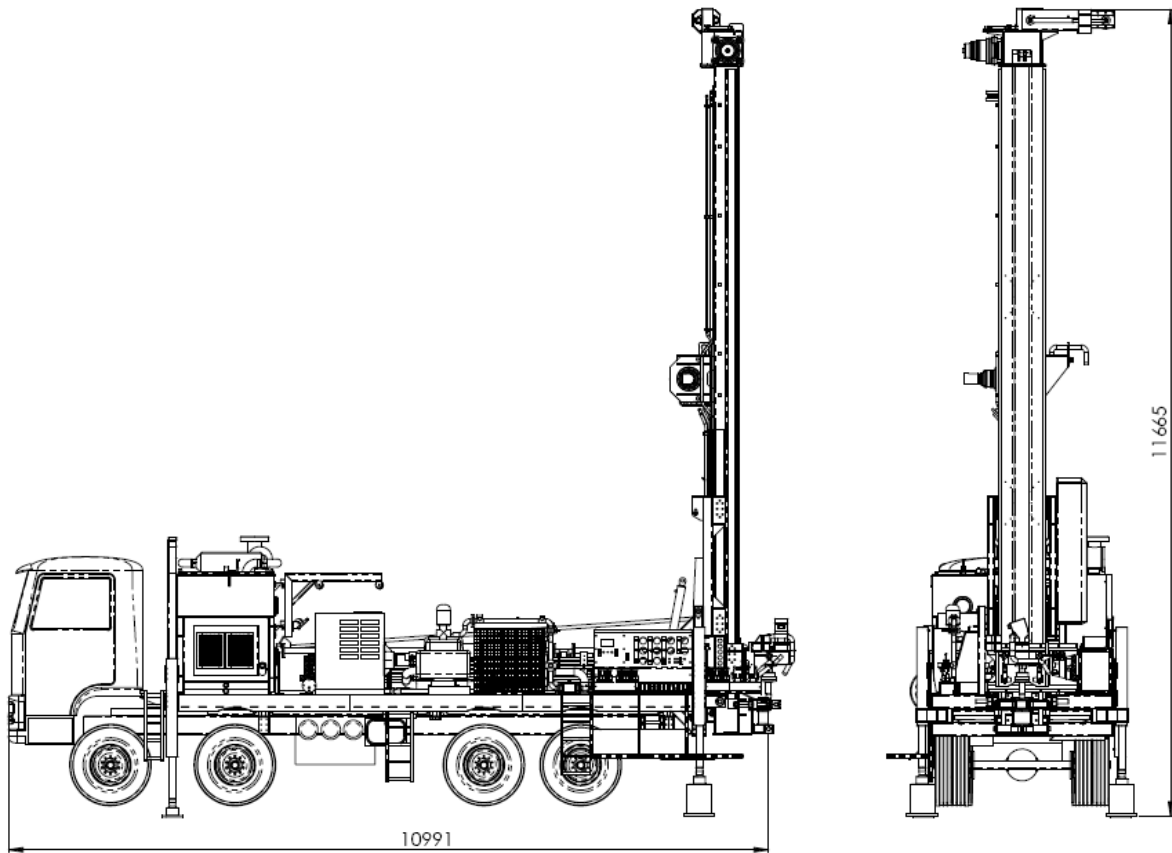
- Rotary drilling with direct circulation
- Rotary drilling with reverse circulation
- Down-The-Hole hammer drilling
- Water-well drilling

Optional equipment:

- Mud tank & casing pipes
- Centrifugal pump

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Main dimensions:



Rotary Head ERH4300



Mobile Drill Rig



Drill Tooling



Website

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