



MR 8000

RIG INFORMATION

Arverne Drilling MR 8000 rig is a conventional drilling rig built in 2009, designed and manufactured by Drillmec according to API and complying with European regulations. Demonstrating a high level of reliability, the MR 8000 has carried out numerous drilling projects, including geothermal projects in urban environment.

MAST

TYPE	MASSARENTI telescopic
HEIGHT	max.36m from ground
MAX. HOOK LOAD	200 metric tons

SUBSTRUCTURE

TYPE	MASSARENTI
RAISING CAPACITY	200 metric tons
CASING LOAD	160 metric tons
SET BACK LOAD	90 metric tons
HEIGHT	5,25m

RIG POWER SYSTEM

GENERATORS	2SDMO
ENGINE	Volvo 550 HP
ALTERNATOR	Leroy Sommer 400V/50Hz
PCR UNIT	400V /220 V /50Hz
ENGINES	2 Caterpillar C15-540 HP

TOP DRIVE SYSTEM

TYPE	Drillmec HT 250 C
CAPACITY	250 m.T
MAX. TORQUE	16,550lbs.ft/3,600 daN.m
MAX. SPEED	180 rpm

BLOW OUT PREVENTION EQUIPMENT

ANNULAR BOP	13 5/8" 5000 psi
RAM BOP	13 5/8" 5000 psi double
MANIFOLD	3" 5000 psi

MUD PUMPS

TYPE (TRIPLEX)	2 x Drillmec 9T1000
MAX INPUT POWER	2 x 1000 HP
MAX FLOW RATE	2 x 2554l/min

MUD SYSTEM

ACTIVE TANKS	41.5 m ³
RESERVE TANKS	131 m ³
WATER TANKS	20 m ³

- Tank, Agitators, 2 mixing pump with 1 Hooper, Mud gas separator & Vacuum degasser

SOLID CONTROL SYSTEM

TYPE SHAKERS	3x Mongoose PT Shaker
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ADDITIONAL EQUIPMENT

2800m 5" DP
1500m 3 1/2 DP

- Casing stabbing board, power slips, gas flare
- Offices, crew cabins, workshops etc.
- Compressor unit, diesel full tank
- Forklifts
- Surface equipment (fire fighting, HP cleaning etc.)