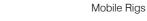
SM

The core of drilling innovation



MR Series

Drillmec MR Series mobile trailer and self-propelled rigs are used for conventional drilling, workover and well service applications.

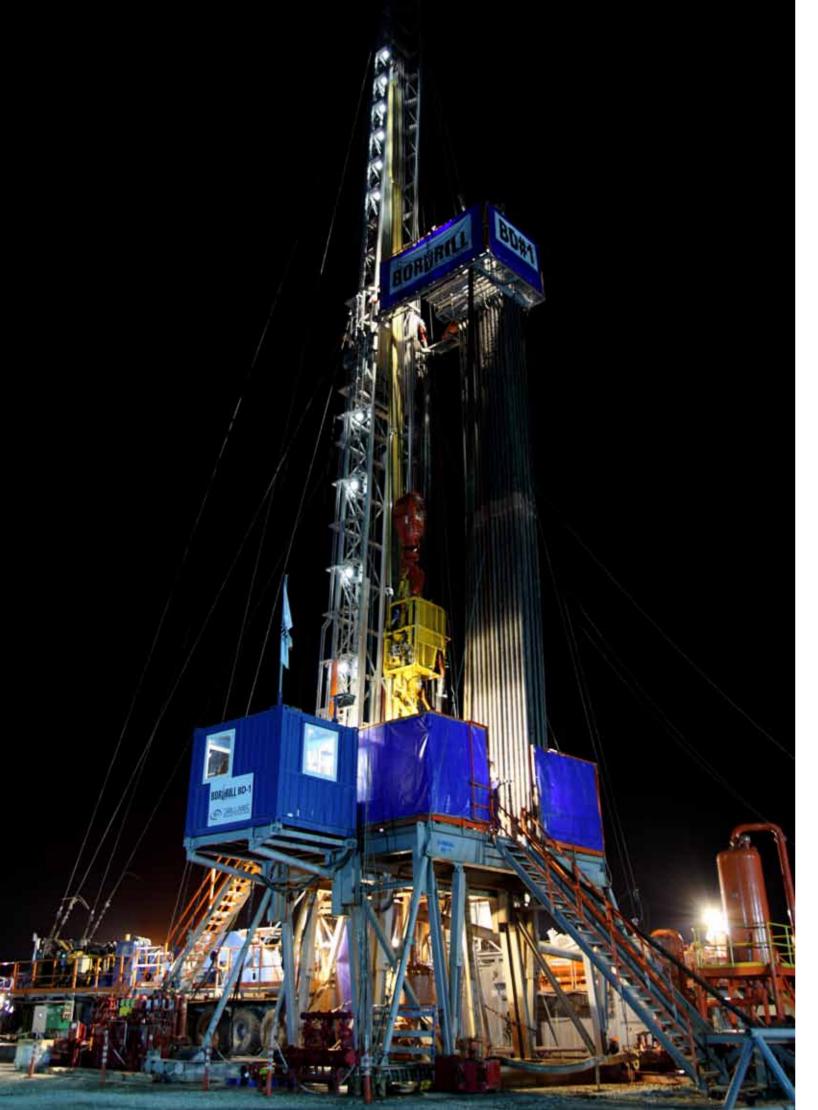
Drillmec covers this variety of applications by manufacturing a full range of rigs' capacities from 60 up to 250 metric tons. The drawworks, carrier and mast capacities are combined to provide the best performances.

The MR Series fully mechanically driven rigs are designed to ensure ease of operation in a wide variety of terrains and extreme climatic conditions.

The MR Series design enables it to be inherently agile in order to access from the extreme heat of the Sahara desert, to the bitter cold of the Siberian tundra or the challenging elevation changes of the Utica shale.





















Drillmec rigs are designed to be an easily transportable unit and for quick rig up. These are the main features:

- Wide range of substructures including on wheels, telescopic and hydraulic raising
- up to $+55^{\circ}$ C range (heat cooling / winterization)
- Sound proof shelter for engine upon request
- Main drum and sand reel
- Crown saver system (rig floor saver on request)

Drillmec can also supply a complete rig package, consisting of mud pumps, tanks, generators and air unit; the rig can be tested (including pull up test and endurance test) in Drillmec rig up yards.

OP DRIV

Drill Floor Equipment

POWER TONGS

POWER SLIPS

Integrated skid base to fix mast guy lines and avoid external anchoring

Band brake or disk brake option for drawworks CE and ATEX certified

Working floor adjustable with foldable walkway and stairway

All rig components can be designed for operations from -45°C

PIPE HANDLING MACHINE

CASING TOOL

Model		MR 3500	MR 4000
Static Hook Load	lbs	132,000	200,000
	m ton	60	90
Number of Lines		6	6
Capacity		Range 2 Single	Range 2 Double
Most Clear Haight	ft	62 from ground	95 from drill floor
Mast Clear Height	m	18.9 from ground	29 from drill floor
Drowworke Drum (d x l)	in	15 x 24	19 x 28
Drawworks Drum (d x l)	mm	381 x 610	489 x 701
Input Power	hp	250	300
Main Brake		Band	Band or Disk
Auxiliary Brake		Hydromatic	Hydromatic or Pneumatic Disk
		7/8"	1"
Drill Line	mm	22.2	25.4
Power Pack		Caterpillar C13	Caterpillar C13
	ft	15	16
Substructure Height	mm	4500	4800
Wayking Distance Lisings	ft	from 4.6 to 5.2	from 5 to 8.2
Working Platform Height	mm	from 1400 to 1600	from 1500 to 2500
Potony Tablo	in	20.5 (optional)	20.5
Rotary Table	mm	521 (optional)	521
Standpipe	psi	3,000	5,000
Mounted on / Remarks			Truck also for Standard Road
			2



MR 3500 - MR 4000

MR 4000 are the fastest and the smallest rigs MR 3500

of mobile range. These rigs are suitable for shallow wells and workover operations. A truck mounted version can be supplied for easy transportation and compliance with local road rules. On request, frontal pipe handling machine can be provided. The control panel is usually located on the mast

side for simple and quick use.

Drillmec

Mobile Rigs

The core of drilling innovation

Model	tr-d	MR 5000	MR 6000	
Static Hook Load	lbs	250,000	300,000	
	m ton	113	136	
Number of Lines		8	8	
Capacity	LYNN I	Range 2 Double	Range 2 Double	
	ft ft a	115 from ground	98 from drill floor	
/last Clear Height	m	35 from ground	29.9 from drill floor	
) Prowworko Drum (d.v. I)	in .	18 x 38	18 x 38	
Drawworks Drum (d x l)	mm	457 x 965	457 x 965	
nput Power	hp	500	500	
Main Brake	行旅行	Band or Disk	Band or Disk	
Auxiliary Brake		Hydromatic or Pneumatic Disk	Hydromatic or Pneumatic Disk	
	in	1.1/8"	1.1/8"	
Drill Line	mm	28.6	28.6	
Power Pack		Caterpillar C15	Caterpillar C15	
Pukaturatura Usiakt	ft	-	17	
Substructure Height	mm		5,200	
Nerking Distorm Height	Beer ft	from 5.8 to 16.5		
Working Platform Height	mm	from 1760 to 5040		
Rotary Table	in		27.5	
	mm		700	
Standpipe	psi	5,000	5,000	



MR 5000 - MR 6000

MR 5000 - MR 6000 are fast workover rigs. Special outriggers are installed on rig's rear side and hydraulically pulled out/ in, where mast guy lines are connected. Therefore no ramp, t-base or concrete works are necessary. All the rigs are designed for power swivel installation. The drawwork's cooling system is located onboard whereas the swivel power unit-upon request. The working floor is adjustable in height and foldable on the rear side of the rig's frame. Sand reel can

and foldable on the rear side of t be used as a swabbing unit.

MR 8000 - MR 9000

MR 8000 - MR 9000 are drilling rigs suitable for oil & gas and geothermal exploration, diesel or electric powered.

A dog house can be provided to accomodate the driller location and the main rig controls. These rigs are ready for top drive installation, such as Drillmec hydraulic top drive HTD 250. Various type of BOP handling systems enhance safety.

MR 9000 is especially designed and built by Seismotekhnika factory in Belarus for low temperature and artic conditions in compliance with Russian standards.

Model		MR 8000	MR 9000
Static Hook Load Ibs M ton Number of Lines		440,000	550,000
		200	250
		10	10
Capacity		Range 2 Double	Range 2 Double
Maat Claar Haight	ft	115 from drill floor	115 from drill floor
Mast Clear Height	m	35 from drill floor	35 from drill floor
	in	26 x 42.1/2"	26 x 42.1/2"
Drawworks Drum (d x l)	mm	660 x 1080	660 x 1080
Input Power hp		1,000	1,000
Main Brake		Band or Disk	Band or Disk
Auxiliary Brake		Hydromatic or Pneumatic Disk	Hydromatic or Pneumatic Disk
Drill Line in mm		1.1/8"	1.1/8"
		28.6	28.6
Power Pack		2 x Caterpillar C15 or Electirc Motors	2 x Caterpillar C15
	ft	20	20
Substructure Height	mm	6,100	6,100
	ft	•	· · ·
Working Platform Height	mm		
Potery Toble	in	27.5	27.5
Rotary Table	mm	700	700
Standpipe	psi	5,000	5,000
Mounted on / Remarks		Semitrailer or Carrier [Carrier mast clear height: 101 ft]	Semitrailer or Carrier [For low temperature]



	10	
8	14	

HMDR 1000

HMDR 1000 is a high mobile desert rig. In transport conditions, all the main components remain installed on the semitrailer in order to allow a single trip rig move.

The substructure is box on box connected to the rear side of the semitrailer which is equipped with twelve wheels per side.

The rotary table and the drawwork are electrically driven. (Gear driven drawwork can be supplied).

An electric top drive can be supplied on request; Drillmec manufactures HMDR 1000 up to 320 ton and 1500 hp, depending on customer requests.

Model		
Static Hook Load	lbs	
	m ton	
Number of Lines		
Capacity	e di	1
Mast Clear Height	ft	
	m	
Drawworks Drum (d x I)	in	
	mm	
Input Power	hp	
Main Brake		
Auxiliary Brake		
Drill Line		
	mm	
Power Pack		
Substructure Height	ft	
	mm	
Working Platform Height	ft	
	mm	-
Rotary Table in mm		100
Standpipe	psi	f
Mounted on / Remarks	11	



10/11

HMDR 1000

550,000 250

10

Range 2 Triple

137 from rig floor

41 from rig floor

30 x 55.1/4"

762 x 1403

1,000 (2 Electric Motors)

Disk

Electromagnetic

1.1/4"

31.75

2 x Electric Motors

24

7,500

27.5 (independent drive)700 (independent drive)

5,000

Semitrailer for Desert

12

Quality System



Policy

Drillmec has always viewed continuous improvement of company processes and complete satisfaction of customer's needs as essential factors for standing out on the highly complex, competitive oil and gas market.

Drillmec's Quality System and HSE System are essential tools for achieving its business goals.

In accordance with its general aims and strategies for growth, Management promotes:

- The central role of the customer
- Full involvement of all personnel to ensure complete awareness of the significance and importance of their work and how they can contribute to achieving quality goals, environment, health and safety protection
- Continuous improvement of the quality of products and services, especially through a strong drive toward technological innovation
- Continuous improvement of process performance
- Safeguarding of the environment and protection of workers' health and safety. Such commitment is widespread not only to our workers, but even to our subcontractors and suppliers.

All drilling equpiment are matched to provide optimal performance with keen attention paid to reliability and running costs.



Certifications

Drillmec SpA quality management systems is certified by API (American Petroleum Institute), DNV-GL (DNV Business Assurance) and can work under NORSOK, ABS, DNV-GL Maritime and RMRS regulations, if required by the client. Drillmec products are also compliant with Technical Regulations of the Custom Union, (Russia, Bielorussia, Kazakhstan) EAC certified.

Drillmec INC is certified by API 4F-0058. Drillmec India is certified API 4F-0341, API 8C-0273, API Q1-1977 and ISO 2087. OJSC Seismotekhnika (Drillmec Belarus) is certified API 4F-0361, API Q1-2203 and ISO-2301.

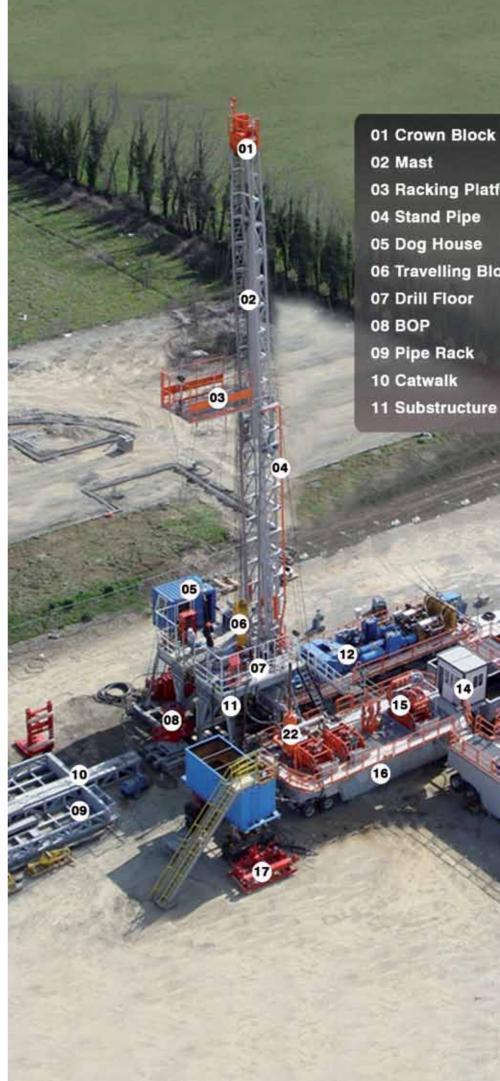
API Product Licenses Numbers	API/ISO/OHSAS
API 4F-0062	Certification
API 6A-0492	API Q1-0527
API 7-1-0305	ISO 9001:2008
API 7K-0045	ISO 14001:2004
API 8C-0041	OHSAS 18001:2007
API 16A-0112	



APIOR® Registration no. 0076

EAC





- 01 Crown Block **03 Racking Platform** 04 Stand Pipe 05 Dog House **06 Travelling Block** 07 Drill Floor 09 Pipe Rack 10 Catwalk
- 12 Drawworks 13 Water Tanks 14 Mud Lab **15 Shale Shakers** 16 Trip Tank 17 Choke Manifold **18 Mud Tanks 19 Mud Pumps** 20 Fuel Tanks 21 Cable Tray 22 Poor Boy

For further information...

If you would like further information about our company, products or services, please don't hesitate to get in touch with us. You can do this in a number of ways...

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BRANCHES



