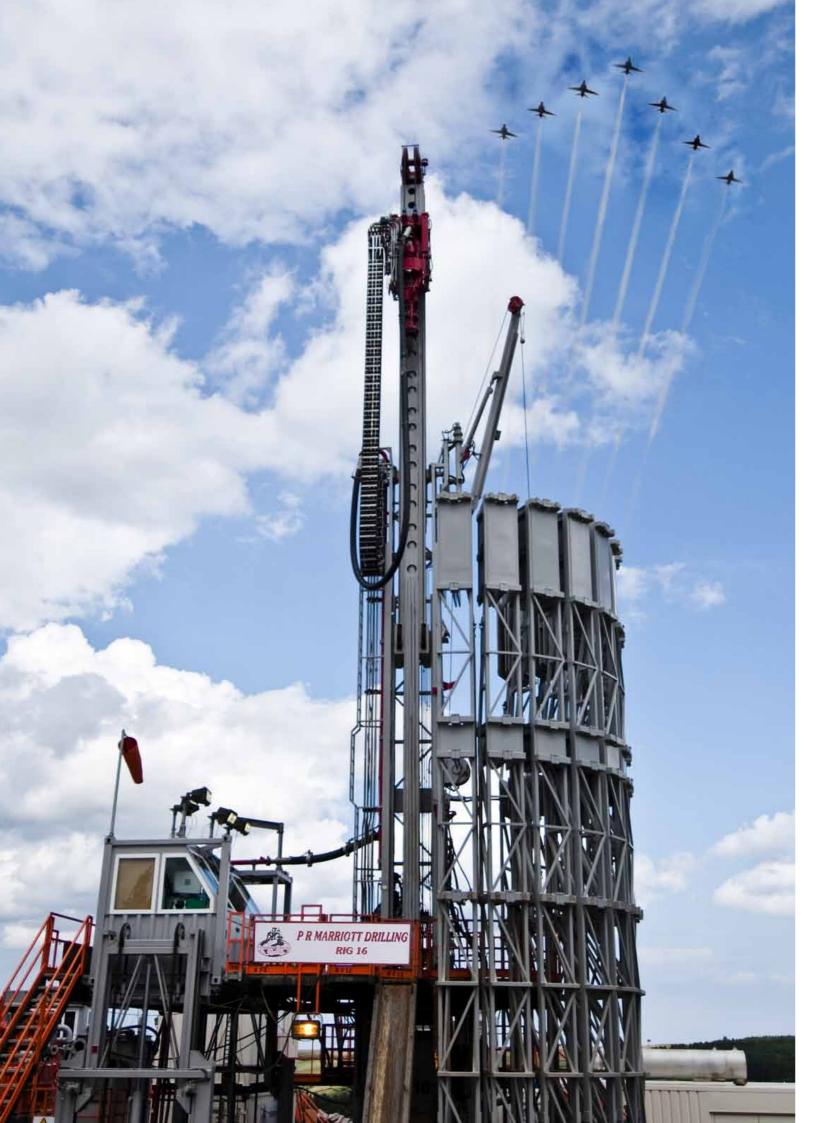
CBM Rigs (AM) DRILLING TECHNOLOGIES TIE The core-of drilling innovation



Drillmec The core of drilling innovation

## **CBM** Series

Drillmec manufactures and sells the CBM Series, a special purpose line of drilling rigs and related equipment designed to meet specific requirements of shallow and deeper wells.

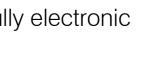
The main features of CBM Series are:

- Time saving in rig-up and moving •
- Footprint reduction •
- Reduction of personnel •
- No crane needed •
- Customizable level of rig automation •
- Wide range of pipe handling and pipe storage • systems
- Pneumatic/hydraulic or cyber fully electronic • control cabin
- Services integration (i.e. coring, casing running, • data acquisition, including mud logging)





CBM Rigs







SEMITRAILEF CARRIER

TRUCK

JACK UP SKID

READY FOR BOP INSTALLATION

**SLANT CAPABILITY UP TO 45°** 



## HH 55 - HH 75 - HH 102

HH 55 - HH 75 - HH 102 are drilling rigs suitable for coal bed methane exploration. The mast is telescopic and operates as a hydraulic hoist. The hydraulic top drive is permanently installed in its cradle and it doesn't need to be removed during transportation. Therefore all the rig can be easily assembled without any crane. An auxiliary jib crane on the mast side facilitates the rig up and allows to pick up tubular and various equipment from the ground to the drill floor.

Drillmec completes its package with power slips, power tong, torque wrench, casing make up device and bit break out tong. In the easiest configuration a pneumatic over hydraulic panel is on the mast side whereas a cyber chair can be supplied. Customizable control cabin with air conditioning system and self elevating system is provided upon request, as well as a powered rotary table.

Model		HH 55
Pull Up	lbs	122,000
	m ton	55
Pull Down	lbs	28,400
	m ton	12.8
Capacity		Range 2
Top Drive Stroke	ft	40
	mm	12,400
Top Drive Torque	lbs*ft	17,400
	Nm	24,000
Top Drive Speed	rpm	150
Rotary Table	in	20.5
	mm	520
Power Pack		Wide selection of diesel engine
Rig Floor Height	ft	from 6 to 10
	mm	from 1,900 to 3,000
Stand Pipe	psi	1,500
Star		

Optional



HH 75		HH 102
165,000		220,000
75		100
44,000		44,000
20		20
Range 2		Range 3
49		52.5
15,000		16,000
23,800		23,800
32,300		32,300
150		154
20.5		32,5
520		825
Caterpillar C15		Caterpillar C18
12		16
3,515		4,880
3,000		5,000
Caterpillar C18 Range 3	N N N	Faster Top Drive Coring Head

CBM Rigs

4

# **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.

Good results can be fulfilled only through an overall approach. Drillmec has achieved a low cost rig with a low environmental impact and a high safety level



### Certifications

Drillmec SpA quality management systems is certified by API (American Petroleum Institute), DNV - GL (DNV Business Assurance), RTN (Rostekhnadzor) and CU-TR (Russian approval) and can also work under NORSOK, ABS and RMRS, if required by the client. *Drillmec INC is certified by API 4F-0058.* 

<b>API Product Licenses Numbers</b>	s CU-TR Licenses
API 4F-0062	Numbers
API 6A-0492	CU-TR 0529642
API 7-1-0305	CU-TR 0982253
API 7K-0045	CU-TR 0529643
API 8C-0041	CU-TR 0529646
API 16A-0112	CU-TR 0529647
API ISO-0076	
API Q1-0527	<b>RTN License Number</b>

PPC 00-047448

ISO Licenses Numbers ISO 9001:2008 ISO 14001:2004

OHSAS 18001:2007



APIQR<sup>®</sup> Registration no. 0076







- 01 Crown Block
- 02 Mast
- 03 Dog House
- 04 Top Drive
- 05 Pipe Handler
- 06 Power Tong/Slips
- 07 BOP

- 08 Pipe Racks
- 09 Catwalk
- 10 Manifold
- 11 Mud Pumps
- **12 Mud Tanks**
- **13 Generators**
- 14 Hydraulic Unit

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...

- Website	www.drillmec.com
- Email	info@drillmec.com info@drillmecinc.com
- Addresses	12, via l° Maggio 29027 Gariga di Podenzano (PC) - Italy
	18320 Imperial Valley Drive 77060 Houston, Texas - U.S.A.
- For general information please call	Italy +39 0523 354200 U.S.A. +1 281 885 0777
- For sales, please call our sales department	Italy +39 0523 354220 Italy +39 0523 354241 U.S.A. +1 281 214 7669
- For spare parts, please call our spare parts o	department Italy +39 0523 354285 U.S.A. +1 281 214 7866

#### BRANCHES



