



DRILLMEC
DRILLING TECHNOLOGIES

CBM Rigs



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)

FRAME
SEMITRAILER
CARRIER
TRUCK
JACK UP SKID

**IECEX & API
COMPLIANT**

**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	HH 75	HH 102
Pull Up	lbs	122,000	165,000	220,000
	m ton	55	75	100
Pull Down	lbs	28,400	44,000	44,000
	m ton	12.8	20	20
Capacity		Range 2	Range 2	Range 3
Top Drive Stroke	ft	40	49	52.5
	mm	12,400	15,000	16,000
Top Drive Torque	lbs*ft	17,400	23,800	23,800
	Nm	24,000	32,300	32,300
Top Drive Speed	rpm	150	150	154
Rotary Table	in	20.5	20.5	32,5
	mm	520	520	825
Power Pack		Wide selection of diesel engine	Caterpillar C15	Caterpillar C18
Rig Floor Height	ft	from 6 to 10	12	16
	mm	from 1,900 to 3,000	3,515	4,880
Stand Pipe	psi	1,500	3,000	5,000
Optional		P.T.O.	Caterpillar C18 Range 3	Faster Top Drive Coring Head



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 and Drillmec INC quality management systems are certified by API (American Petroleum Institute), DNV (DNV Business Assurance), RTN (Rostekhnadzor) and CU-TR (Russian approval) and can also work under Norsok, ABS and RMRS, if required by the client.

- | | |
|--------------|--------------------|
| API 4F-0062 | CU-TR 0529642 |
| API 6A-0492 | CU-TR 0982253 |
| API 7-1-0305 | CU-TR 0529643 |
| API 7K-0045 | CU-TR 0529646 |
| API 8C-0041 | CU-TR 0529647 |
| API 16A-0112 | |
| API ISO-0076 | RTN: PPC 00-047448 |
| API Q1-0527 | |
| API 4F-0058 | |

ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



APIQR® Registration no. 0076



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|---------------------|-------------------|
| 01 Crown Block | 08 Pipe Racks |
| 02 Mast | 09 Catwalk |
| 03 Dog House | 10 Manifold |
| 04 Top Drive | 11 Mud Pumps |
| 05 Pipe Handler | 12 Mud Tanks |
| 06 Power Tong/Slips | 13 Generators |
| 07 BOP | 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...

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