

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



APIQR® Registration no. 0076



Registration no. Q1-0527

COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL  
= ISO 9001 =  
= ISO 14001 =  
= OHSAS 18001 =



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

## BRANCHES



DRILLMEC SPA - ITALY  
 DRILLMEC INC. - U.S.A.  
 DRILLMEC MEXICO - MEXICO  
 DRILLMEC COLOMBIA - COLOMBIA  
 000 DRILLMEC R - RUSSIA  
 SEISMOTEKHNKA - BELARUS  
 I.D.T. - U.A.E.  
 DRILLMEC IRAQ - IRAQ  
 DRILLMEC INDIA - INDIA