

# HTD Series

The core  
of drilling  
innovation

## Hydraulic Top Drives

Drillmec manufactures a full range of hydraulic top drives.

Drillmec HTD series top drives can be fitted to almost any rig in order to improve performance and help in operations such as directional and horizontal drilling.

Drillmec designs top drive rails and torque tubes starting from drawings of the customer's rig or from data collected by its technicians directly on the rig field.

The torque tube provides the connection between the new HTD top drive and the existing rig.

The HTD top drive is supplied with an independent hydraulic power pack and controls and with a transportation cradle designed to hold it and help in moving.

### HTD SERIES

#### Key Features:

Reduced dimensions and weight /  
Easy and fast installation procedure

INSTALLATION ALSO ON OTHER  
MANUFACTURER'S MAST

Power swivel driven by one top-head  
hollow shaft hydraulic motor with two  
gears

HIGHER TORQUE & HIGH  
CONTROL

Polymer Slide Guide Runners  
LESS MAINTENANCE THAN  
BEARINGS

Top drive head complete with hydraulic  
disc brake direct on the shaft

MORE PRECISION & SENSIBILITY

Second IBOP valve  
ENHANCED SAFETY





### HTD Series

| Model                        |        | HTD 200 C     | HTD 250 C     | HTD 350       |
|------------------------------|--------|---------------|---------------|---------------|
| <b>Max Pull Up Static</b>    | mt     | 181           | 226           | 317           |
|                              | lbs    | 400,000       | 500,000       | 700,000       |
| <b>Max Drilling Torque</b>   | Nm     | 36,000        | 36,000        | 39,240        |
|                              | lbs ft | 26,550        | 26,550        | 28,941        |
| <b>Max Make Up Torque</b>    | Nm     | 39,000        | 39,000        | 44,140        |
|                              | lbs ft | 28,764        | 28,764        | 32,548        |
| <b>Max Break Down Torque</b> | Nm     | 43,610        | 43,610        | 66,210        |
|                              | lbs ft | 32,170        | 32,170        | 48,834        |
| <b>Working Pressure</b>      | bar    | 345           | 345           | 345           |
|                              | psi    | 5,000         | 5,000         | 5,000         |
| <b>Dimensions</b>            | mm     | 1,250 x 1,250 | 1,250 x 1,250 | 1,800 x 1,800 |
|                              | in     | 49 x 49       | 49 x 49       | 70 x 70       |
| <b>Working Length</b>        | mm     | 4424          | 4424          | 5485          |
|                              | in     | 174           | 174           | 215           |
| <b>Weight</b>                | kg     | 5,000         | 5,500         | 10,000        |
|                              | lbs    | 11,023        | 112,125       | 22,046        |
| <b>Speed</b>                 | rpm    | 0 - 180       | 0 - 180       | 0 - 180       |
| <b>ID Full Opening</b>       | mm     | 60            | 60            | 76            |
|                              | in     | 2.3/8         | 2.3/8         | 3             |

# 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 equipment 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), 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.*

| API Product Licenses Numbers | CU-TR Licenses Numbers |
|------------------------------|------------------------|
| 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                 |                        |
| API Q1-0527                  |                        |

  

| ISO Licenses Numbers | RTN License Number |
|----------------------|--------------------|
| ISO 9001:2008        | PPC 00-047448      |
| ISO 14001:2004       |                    |
| OHSAS 18001:2007     |                    |



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