

**TECHNICAL  
RIG SHEET**

**Cardwell  
KM-150**



## PRINCIPAL PARTICULARS

Type: **Portable / Mechanical**  
Rating: **300HP**  
Workover depth: **2000m**

## DRAWWORKS

Type: **Cardwell K150**  
Horsepower rating: **240HP**  
Driven by: **1x CAT 3306 diesel engine**  
Drilling line diameter: **7/8"**  
Sand drum: **9842ft @ 5/8"**

## MAST

Type: **125-69**  
Height: **21,03m**  
Hook load: **56t @ x 4 lines**

## ROTARY EQUIPMENT

Rotary table type: **Gradner-Denver ,RT 17,5**  
Rotary table opening: **17 1/2"**  
Rotary table capacity: **90t**  
Driven by: **drawworks**  
Swivel type: **King Oil 15MB**  
Swivel capacity: **136t**  
Top Drive System: **Power Swivel Bowen S-3.5**  
TDS capacity: **120t**  
TDS max. torque: **8 000 ft lbs**  
TDS max. speed: **172 rpm**

## TRAVELING EQUIPMENT

Traveling block type: **McKissick**  
Block capacity: **75t**  
Q – ty and size of sheaves: **3x 24"**  
Hook type: **integrated**  
Hook capacity: **75t**

## DRIVE GROUP

Engine type: **CAT 3306**  
Horsepower rating: **240KM**  
Compressors: **1x Airpol N-30**

## MUD SYSTEM

Mud pumps type: **Gradner-Denver PAH 200**  
Horsepower rating: **275HP**  
Power pump: **CAT 3406 diesel engine**  
Shale Shakers: **1 MI Swaco Mongoose**  
Active mud system: **40m<sup>3</sup>**  
High pressure line: **2 1/2" /3000psi**

## BOP EQUIPMENT

BOP control unit type: **CH6U-76**  
Double ram BOP: **Shaffer 7 1/16"-5K**

## INSTRUMENTATION

Weight indicator: **Martin Decker type AAA-15**  
Recorder: **Martin Decker**  
Drilling Control System: **Martin Decker**



[www.exalo.pl](http://www.exalo.pl)

### DOMESTIC SALES

ul. Łukasiewicza 93  
38-400 Krosno Poland  
e-mail: [sprzedaz@exalo.pl](mailto:sprzedaz@exalo.pl)  
phone: + 48 13 437 21 00

### INTERNATIONAL SALES

ul. Łukasiewicza 3,  
31-429 Krakow, Poland  
e-mail: [sales@exalo.pl](mailto:sales@exalo.pl)  
phone: + 48 12 619 74 03  
phone: + 48 605 487 366

### Foreign Branches:

#### EXALO DRILLING S.A. PAKISTAN BRANCH

e-mail: [pakistan.branch@exalo.pl](mailto:pakistan.branch@exalo.pl)  
tel.: +(92-51) 220 65 21

#### EXALO DRILLING S.A. CZECH REPUBLIC BRANCH

e-mail: [czechy@exalo.pl](mailto:czechy@exalo.pl)  
tel.: +48 11 343 721 94

#### EXALO DRILLING JSC KAZAKHSTAN BRANCH

e-mail: [almaty.office@exalo.pl](mailto:almaty.office@exalo.pl)  
tel.: +7 (727) 264 09 72

#### EXALO DRILLING S.A. CHAD BRANCH

tel.: (+235) 65 38 86 72  
tel.: (+235) 90 98 62 69

#### EXALO DRILLING S.A. TANZANIA BRANCH

e-mail: [tanzania.branch@exalo.pl](mailto:tanzania.branch@exalo.pl)  
tel.: +255 782 429 248

#### EXALO DRILLING S.A. UNITED ARAB EMIRATES BRANCH

e-mail: [emirates.branch@exalo.pl](mailto:emirates.branch@exalo.pl)  
tel.: +971 7 235 0877

#### EXALO DRILLING S.A. HUNGARY BRANCH

e-mail: [stanislaw.gazda@exalo.pl](mailto:stanislaw.gazda@exalo.pl)

#### Spółka zależna: EXALO DRILLING UKRAINE LLC

[www.exalo.com.ua](http://www.exalo.com.ua)  
e-mail: [ukraine@exalo.pl](mailto:ukraine@exalo.pl)