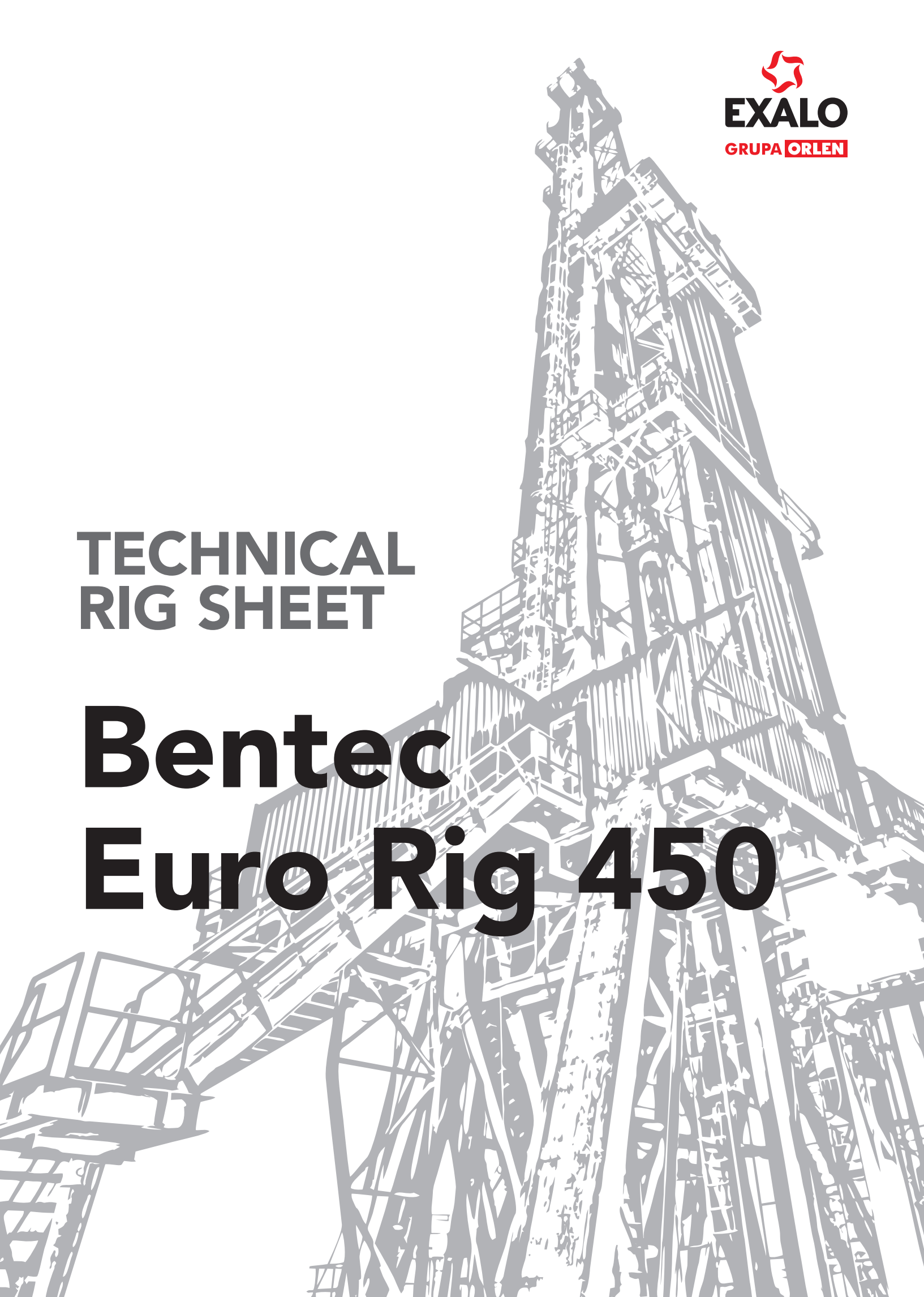


**TECHNICAL  
RIG SHEET**

**Bentec  
Euro Rig 450**



## PRINCIPAL PARTICULARS

Type: **Stationary / Electrical**

Rating: **2000HP**

Drilling depth: **6000m @ 5" DP**

## DRAWWORKS

Type: **Bentec E-2000 AC**

Horsepower rating: **2000HP**

Driven by: **2 x 850kW**

Drilling line diameter: **1 1/2"**

Auxiliary break: **Bentec EB-6032A**

## MAST

Type: **Bentec Euro MVL-1000-143,7-33,5**

Height: **43,8m**

Hook load: **454t @ 12 lines**

## SUBSTRUCTURE

Type: **SSB-1000-575-295**

Total height: **9m**

Clear height: **7,4m**

Setback capacity: **260t**

Total capacity: **710t**

## ROTARY EQUIPMENT

Rotary table type: **Kerui ZP 375**

Rotary table opening: **37 1/2"**

Rotary table capacity: **590t**

Driven by: **AC electric motor BAFD400 SG23 850 kW**

Top Drive System: **Bentec TD 500HT**

TDS capacity: **454t**

TDS max. torque: **46 500 ft lbs**

TDS max. speed: **230 obr/min**

TDS drive: **AC 758kW**

Iron Roughneck: **Bentec IR-100 AC motors**

## TRAVELING EQUIPMENT

Traveling block type: **Bentec TB-500-6-60-1.1/2**

Block capacity: **500mt**

Q – ty and size of sheaves: **6 x 60"**

## DRIVE GROUP

Engine type: **4 x CAT 3512 DITA**

Generator type: **4 x CAT SR4**

Generator rating: **4 x 1200 kW**

Generator voltage: **600VAC / 50Hz**

SCR/VFD unit: **Bentec BVSD-VFD System**

Compressors: **2 x Atlas Copco GA 45**

Grid supply connection possible

## MUD SYSTEM

Mud pumps type: **2 x Drillmec 12T 1600 +  
1 x Bentec BMPT-1600 AC R - 7 1/2" x 12"**

Horsepower rating: **1600HP each**

Power pump: **Ac motors Drillmec 2 x 857Kw each MP  
and Bentec MP 1x1200 kW**

Shale shakers: **3 x MI Swaco Mongoose PT**

Mudcleaner: **1 x MI Swaco Mongoose 2-12D/8T4**

Degasser: **CD-1400 Centrifugal type**

Mud system capacity: **231m<sup>3</sup>**

High pressure line: **1 x ID-4"/7500psi**

## BOP EQUIPMENT

BOP control unit type: **CPC type S75-3550**

Single ram BOP: **Cameron 13 5/8 – 10K Type U**

Double ram BOP: **Cameron 13 5/8-10L Type U**

Annular BOP: **Streicher S-type 13 5/8" 5K**

## INSTRUMENTATION

Weight indicator: **Wagner - Type EB/ W72669**

Recorder: **discrete-electronic**

Drilling control system: **Infodrill**



[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)