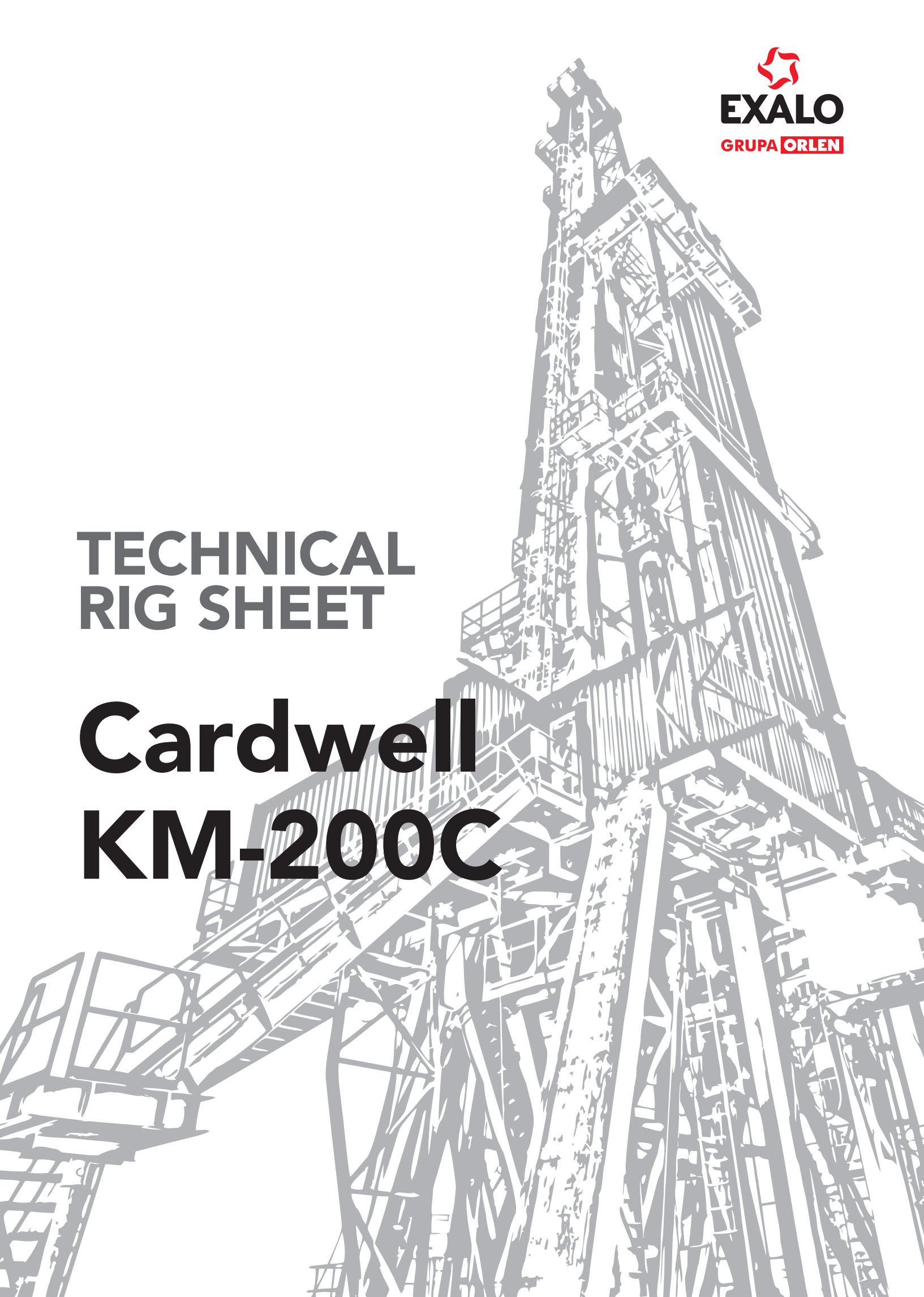


**TECHNICAL  
RIG SHEET**

**Cardwell  
KM-200C**



## PRINCIPAL PARTICULARS

Type: **Portable / Mechanical**  
Rating: **402HP**  
Drilling depth: **1300 @ 3,5" DP**  
Workover depth: **3500m**

## DRAWWORKS

Type: **Cardwell K-200C**  
Horsepower rating: **300HP**  
Driven by: **1x CAT 3406 diesel engine**  
Drilling line diameter: **7/8"**  
Sand drum: **9540 ft @ 5/8"**  
Auxiliary break: **PARMAC 15"D.R**

## MAST

Type: **Cardwell model 180-96**  
Height: **29,2m**  
Hook load: **81,6 Ton @ x 6 lines**

## SUBSTRUCTURE

Type: **Cardwel**  
Total height: **4m**  
Clear height: **3,1m**  
Setback capacity: **59 Ton**  
Casing capacity: **90 Ton**

## ROTARY EQUIPMENT

Rotary table type: **Gardner-Denver mdel RTA**  
Rotary table opening: **17 1/2"**  
Rotary table capacity: **272 t**  
Driven by: **drawworks**  
Swivel type: **King Oil 15MB**  
Swivel capacity: **150t**  
Kelly Spinner type: **Universe model #01F06Z**

## TRAVELING EQUIPMENT

Traveling block type: **ZUN NAFTAOMET  
type WR1000-3x22**  
Block capacity: **100 t**  
Q –ty and size of sheaves: **3x33"**  
Hook type: **ZUN Naftomet**  
Hook capacity: **100t**

## DRIVE GROUP

Engine type: : **1x CAT 3406 + 1x Perkins 2306C**  
Horsepower rating: **402HP + 420HP**  
Generator type: **1x CAT SR4 + 1 x Marelli MJB 315 SA4**  
Generator rating: **275kVA + 300kVA**  
Generator voltage: **230 V / 400V**  
Compressors: **1x Boge S40-2 screw type  
1xIngersool Rand type30  
Model 3000 reciprocating type**

## MUD SYSTEM

Mud pumps type: **2xGardner Denver PZ-7**  
Horsepower rating: **550KM**  
Power pump: **CAT D-379 diesel engine**  
Shale shakers: **2x MI Swaco Mongoose PT**  
Degasser: **Brandt Vaccum Type**  
Active mud system: **60 m<sup>3</sup>**  
High pressure line: **1x 3"/5000psi**

## BOP EQUIPMENT

BOP control unit type: **CH6U-3000**  
Double ram BOP: **UPETROM DF 13-5/8"-3K**  
Double ram BOP: **UPETROM DF 9"-5K**  
Annular BOP: **Townsend 9"-3K**  
Annular BOP: **Townsend 7 1/16"-5K**

## INSTRUMENTATION

Weight indicator: **Martin Decker type FS**  
Recorder: **Martin Decker**  
Drilling Control System: **Martin Decker**



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