

**TECHNICAL  
RIG SHEET**

**MASSARENTI  
MAS 6000E**

## PRINCIPAL PARTICULARS

Type: **stationary / electrical**

Rating: **1700HP**

Drilling depth: **5000m @ 5"DP**

## DRAWWORKS

Type: **MAS 6000E**

Horsepower rating: **1700HP**

Driven by: **2x GE 752 ARB**

Drilling line diameter: **1 3/8"**

Auxiliary break: **Dretech 6032**

## MAST

Type: **RAPID-500T/1985**

Height: **43,3m**

Hook load: **453t @ 10 lines**

## SUBSTRUCTURE

Type: **RAPID-500T/1985**

Total height: **9,14m**

Clear height: **7,14m**

Setback capacity: **272t**

Casing capacity: **453t**

## ROTARY EQUIPMENT

Rotary table type: **Oilwell National D 375**

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

Rotary table capacity: **590t**

Driven by: **drawworks**

Swivel type: **integrated with Top Drive**

Swivel capacity: **500t**

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

TDS capacity: **500t**

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

TDS max. speed: **230rpm**

TDS drive: **750kW (AC motor)**

## TRAVELING EQUIPMENT

Traveling block type: **Oilwell B500**

Block capacity: **500t**

Q – ty and size of sheaves: **6x60"**

Hook type: **BJ-5500**

Hook capacity: **500t**

## DRIVE GROUP

Engine type: **2x GE752 DC, 2x GE 752 ARB**

Horsepower rating: **4x 1000HP**

Generator type: **4x CAT 3512**

Generator rating: **4x 1286kVA/900kW**

Generator voltage: **230/600V/60Hz**

SCR/VFD unit: **Rosshill control**

Compressors: **2x Boge S-90**

## MUD SYSTEM

Mud pumps type: **3x Bomco F-1600/2011**

Horsepower rating: **3x 1600HP**

Power pump: **2x GE752 DC**

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

Mudcleaner: **MI Swaco**

Degasser: **MI Swaco CD140**

Active mud system: **290m3**

High pressure line: **2x 4"/5000psi**

## BOP EQUIPMENT

BOP control unit type: **Koomey 80**

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

Double ram BOP: **Cameron 13 5/8" 10K Type U**

Annular BOP: **Cameron 13 5/8" 5K Type DL**

## INSTRUMENTATION

Weight indicator: **M/D Totco series E**

Recorder: **M/D Totco**

Drilling control system: **DrillLab**

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

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