

TECHNICAL RIG SHEET

IRI - 750



PRINCIPAL PARTICULARS

Type: **Mobile trailer**
Rating: **700HP**
Drilling depth: **2300m @ 5"DP**

DRAWWORKS

Type: **IRI/Ideco 2042**
Horsepower rating: **700HP**
Driven by: **2x diesel engine**
Drilling line diameter: **1 1/8"**

Auxiliary break: **Paramac V-80**

MAST

Type: **IRI 117-300**
Height: **35,7m**
Hook load: **136t @ 8 lines**

SUBSTRUCTURE

Total height: **4,95m**
Clear height: **4m**
Setback capacity: **82t**
Casing capacity: **200t**

ROTARY EQUIPMENT

Rotary table type: **National C-205**
Rotary table opening: **20 1/2"**
Rotary table capacity: **317t**
Driven by: **drawwork's**
Swivel type: **National P200**
Swivel capacity: **181t**
Kelly Spinner type: **VARCO model 6600**

TRAVELING EQUIPMENT

Traveling block type: **Ideco UBT-160-4-30**
Block capacity: **145t**
Q –ty and size of sheaves: **4x30"**
Hook type: **integrated**
Hook capacity: **145t**

DRIVE GROUP

Engine type: **Perkins 2206C, GEP550-2**
Horsepower rating: **2 x 550 HP**
Generator type: **2 x GEP-550-2**
Generator rating: **2x550kVA**
Generator voltage: **400V/50Hz**

MUD SYSTEM

Mud pumps type: **2x Gander Denver PZ8**
Horsepower rating: **2x750HP**
Power pump: **diesel engine each**
Shale shakers: **2x MI SWACO Mongoose PT**
Mudcleaner: **1x MI SWACO**
Degasser: **Brandt Rani DG-10**
Centrifuge: **1x SWACO 518**
Active mud system: **160m³**
High pressure line: **5000psi**

BOP EQUIPMENT

BOP control unit type: **CH6U-320/76**
Double ram BOP: **Cameron DF 13 5/8" 5K**
Annular BOP: **Cameron 13 5/8"-5K**

INSTRUMENTATION

Weight indicator: **Martin Decker type FS**
Recorder: **M/D TOTCO E-MUD**
Drilling control system: **M/D TOTCO**



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