

# IRI Cabot 750

Self – propelled mechanically driven rig

## PRINCIPAL PARTICULARS

Type: Portable / Mechanical  
Rating: 700HP  
Drilling depth: 1800m @ 5”DP

## DRAWWORKS

Type: IRI/2042/700  
Horsepower rating: 700HP  
Driven by: 2x CAT 3406B diesel engine  
Drilling line diameter: 1 1/8”  
Auxiliary break: Paramac V-80

## MAST

Type: IRI 112/300k  
Height: 34,2m  
Hook load: 136t @ 8 lines

## SUBSTRUCTURE

Type: Cabot, Cross-type,

Total height: 4,6m  
Clear height: 3,7m  
Setback capacity: 82t  
Casing capacity: 118 t

## ROTARY EQUIPMENT

Rotary table type: National A-205  
Rotary table opening: 20 1/2”  
Rotary Table capacity: 318t  
Driven by: drawworks  
Swivel type: Ideco TL-200  
Swivel capacity: 181t  
Kelly Spinner type: Weatherford KS-1500AB

## TRAVELING EQUIPMENT

Traveling Block type: BJ Unimatic 6150  
Block capacity: 136t  
Q – ty and size of sheaves: 4 x 30”  
Hook type: integrated  
Hook capacity: 136t

## DRIVE GROUP

Engine type: 2x Perkins, 2506C-E15TAG2  
Horsepower rating: 2x 530HP  
Generator type: 2x OLYMPIAN/CAT GEP-550, PERKINS  
Generator rating: 550kVA/440kVA  
Generator Voltage: 230/400V/50Hz  
Compressors: 2x Boge S50 screw type

## MUD SYSTEM

Mud Pumps type: 2x, Gardner-Denver PZ-8 Horsepower rating: 750 HP  
Power pump: CAT D398B PC / CAT 3508 diesel engine  
Shale Shakers: 2x MI Swaco Linear Motion  
Mudcleaner: 1x MI Swaco Combo  
Degasser: Swaco Horizontal D-Gasser  
Centrifuge: 1x MI Swaco 518  
Active Mud System: 150 m<sup>3</sup>  
High pressure line: 1x 3 1/2 ”/5000psi

## BOP EQUIPMENT

BOP Control Unite type: CH6U-320/76/ Koomey MB-11-SB-54  
Double ram BOP: Upetrom 13 5/8”-5K type DF  
Double ram BOP: Upetrom 9”-5K type DF  
Annular BOP: Upetrom 9”-5K type VH

## INSTRUMENTATION

Weight Indicator: Martin Decker type FS  
Recorder: M/D Type RGO -77(7-pen)  
Drilling Control System: MSR DATA/Martin Decker E-mud system