

Cardwell KB-210

Self – propelled mechanically driven rig

PRINCIPAL PARTICULARS

Type: Portable/Mechanical
Rating: 455HP
Drilling depth: 1500m @ 5” DP
Workover depth: 3000m @ 2-7/8”DP

DRAWWORKS

Type: Cardwell K-210
Horsepower rating: 455HP
Driven by: 1x CAT 3408 diesel engine
Drilling line diameter: 1”
Sand drum: 4 600ft @ 5/8”
Auxiliary break: Paramac 15”

MAST

Type: Cardwell 180-96
Height: 29,3m
Hook load: 80t @ 6 lines

SUBSTRUCTURE

Type: Motonaft UNT-100
Total height: 3,6m
Clear height: 3,2m
Setback capacity: 120t
Casing capacity: 120t

ROTARY EQUIPMENT

Rotary table type: SO-40
Rotary table opening: 12 ½”
Rotary Table capacity: 80t
Driven by: drawwork’s
Swivel type: Upetrom CH-125
Swivel capacity: 125t

TRAVELING EQUIPMENT

Traveling Block type: UPETROM MC - 100
Block capacity: 100t
Q – ty and size of sheaves: 3 x 25”
Hook type: integrated
Hook capacity: 100t

DRIVE GROUP

Engine type: 1x Iveco AIFO 8061 SI 07
Horsepower rating: 200HP
Generator type: 1x GP 100
Generator rating: 100kVA/ 80 kW
Generator Voltage: 230/400V/50Hz
Compressors: 1x Airpol N70/1,5 piston type

MUD SYSTEM

Mud Pumps type: 1x 9T ZSRR
Horsepower rating: 150HP
Power pump: Leyland SW-680 diesel engine
Shale Shakers: 2x Derric FLO-LINE C.P.
Mudcleaner: Oiltools
Active Mud System: 50m³
High pressure line: 1x 3”/5000psi

BOP EQUIPMENT

BOP Control Unite type: OCO 3 Station
Double ram BOP: TOWNSEND 7”-5K MPa

INSTRUMENTATION

Weight Indicator: Martin Decker type FS
Recorder: M/D Type RGO (1-pen)