

Cardwell KM-150

Self – propelled mechanically driven workover rig

PRINCIPAL PARTICULARS

Type: Portable/Mechanical
Rating: 300HP
Workover depth: 2000m

DRAWWORKS

Type: Cardwell K150
Horsepower rating: 240HP
Driven by: 1x CAT 3306 diesel engine
Drilling line diameter: 7/8”
Sand drum: 9842ft @ 5/8”

MAST

Type: 125-69
Height: 21,03m
Hook load: 56t @ x 4 lines

ROTARY EQUIPMENT

Rotary table type: Gradner-Denver ,RT 17,5
Rotary table opening: 17 ½”
Rotary Table capacity: 90t
Driven by: drawwork,s
Swivel type: King Oil 15MB
Swivel capacity:136t
Top Drive System: Power Swivel Bowen S-3.5
TDS capacity: 120t
TDS max. torque: 8 000 ft lbs
TDS max. speed: 172 rpm

TRAVELING EQUIPMENT

Traveling Block type: McKissick
Block capacity: 75t
Q – ty and size of sheaves: 3x 23,62”
Hook type: integrated
Hook capacity: 75t

DRIVE GROUP

Engine type: CAT 3306
Horsepower rating: 240KM
Compressors: 1x Airpol N-30

MUD SYSTEM

Mud Pumps type: Gradner-Denver PAH 200
Horsepower rating: 275HP
Power pump: CAT 3406 diesel engine
Shale Shakers:1 MI Swaco Mongoose
Active Mud System:40m³
High pressure line: 2 ½” /5000psi

BOP EQUIPMENT

BOP Control Unite type: CH6U-76
Double ram BOP: Shaffer 7 1/16"-3K

INSTRUMENTATION

Weight Indicator: Martin Decker type AAA-15
Recorder: Martin Decker
Drilling Control System: Martin Decker