

HYDRAULIC WORKOVER UNIT 102



High Arctic has successfully been operating and maintaining Rig 102 in Papua New Guinea since 2008: continuously optimising the integrity and availability of the rig with a proven track record of its increased performance and optimised operating costs.

Rig 102 is a heli-portable, 340K, hydraulic workover unit that can be broken down to 20,000 lbs (9,000 kg) loads; allowing for mobilisation and demobilisation in remote areas. Rig 102 is operated by highly experienced crews, ensuring safe and efficient operation in harsh conditions and environmentally sensitive areas.

GIN POLE

Type: 4 Section
Height: 75'
Capacity: 30,000 lbs

HYDRAULIC JACK

Type: Short Stroke
Pull Capacity: 340,000 lbs
Snub Capacity: 180,000 lbs
Control System: Husco

OPERATORS WORK BASKET

Controls: BOP, Tong Arm, Remote Choke
Dimensions: 14.7' x 16.4' x 5.2'

COUNTERBALANCE WINCH

Type: Rineer M03
Capacity: 3,000 lbs

TUGGER WINCH

Type: Rexroth A2FM
Capacity: 22,000 lbs

ROTARY TABLE

Type: Hydraulic Drive
Size: 11"
Speed: 80 rpm
Max. Torque: 22,500 ft/lb
Cont. Torque: 18,000 ft/lb

HYDRAULIC POWER PACK

Engines: 2x Volvo Penta
Rating: 500 hp
Pumps: 4x Eaton VMQ
Volume: 397 gpm each

POWER GENERATION

Type: 2x FG Wilson Diesel
Engines: Perkins
Output: 350 kVA, 250 kVA

MUD TANKS

Volume: 581 bbls
Shale Shaker: MI Swaco Meerkat
Agitators: 2x 10 hp

MUD PUMPS

Type: 2x SPM Triplex Pumps
Engines: Detroit 60 Series Diesel
Rating: 600 hp
Max. Output: 498 gpm
Max. Pressure: 10,000 psi

WELL CONTROL EQUIPMENT

Annular: 11" 5K
Single Gate: 11" 10K
Double Gate: 11" 10K incl. Shear Ram
Choke Manifold: 3-1/16" 10K

DRILL PIPE

3-1/2" S135: 3,000 m

SUPPORT EQUIPMENT

Crawler Crane: 40t Mantis GTC 400-EX
Telehandler: 4t JCB 541-70

