

MI 786 460K AHWU

ADVANCED HYDRAULICWORKOVER UNIT



EQUIPMENT DETAILS

460K HYDRAULIC JACK SPECIFICATION

Model	460K AHWU
Year of Built	2013
Lift force	460 000 pounds
Push force	230 000 pounds
Bore Through	24 inch
Control valve	HUSCO
Operation	2 leg and 4 leg
Stroke	10 foot
Working pressure	3000 psi
Footprint	1.8 x 1.8 meters
Length	4.5 meters
Pad eyes located on all corners for guide wires	
Pad eyes on top plate for lifting of hydraulic jack	

TELESCOPIC DERRICK

Load rated	15 ton
Type	Hydraulic force
Rigged in	Horizontal

ROTARY TABLE

Rate RPM	120 rpm
Compression Load	460,000 lbs
Tension Load rating	230,000 lbs
Torque High range	11,500 ft/lbs
Torque Low range	22,000 ft/lbs at 2850 psi MUD TANKS

MUD PUMP

TRIPLEX PUMP DETAILS

Model	Garden Denver Triplex
Pressure &	
Flow rate	5000 psi & 10.3 BPM
Liner Size	4 ½ - 5 inch

ENGINE DETAILS

Model	Chindong G12v190PZL-3
Power	1200hp
Cooling type	4 Stage water cooling
Transportation type	Skid Mounted

LIFTING EQUIPMENTS

1. CRANE

Make/Model	KOBELCO 7100
Capacity	100 tons
Boom length	40.4 Meters
Type of Move	4 Rubber Wheels
Displacement	10.520 liters

2. FORKLIFT

Make/Model	TCM FD100
Capacity	10 tons
Lifting Height	3 meters
Type of Move	4 Rubber Wheels
Displacement	6871 cc

WELL CONTROL EQUIPMENT

1. BLOWOUT PREVENTERS

Make/Model	CAMERON 13 5/8
Type	Double Ram "U"
Pipe Size	13 5/8 inch
Maximum hold	5,000 psi

2. ANNULAR PREVENTERS

Make/Model	HYDRILL GL 13 5/8
Pipe Size	13 5/8 inch
Maximum hold	5,000 psi

3. KOOMEY UNIT (BOP CONTROLS)

Model	WINDLASS W-TB-160-11BT3
Fluid Reservoir	240 gallon
Maximum Precharge	1,000 psi Nitrogen
Number of Stations	5 Stations

4. CHOKE MANIFOLD

Model	Cameron
Size	3 1/8 Inch
Entry System	Single Entry
Gates	7 Valves

5. SPOOL & WELL HEAD ADAPTORS

Size	13 5/8 &
Pressure	5000 psi
Connection Types	Flange to Hub, Hub to Hub
Length	5' & 2.5'

600 HP DIESEL HYDRAULIC POWER UNIT SPECIFICATION

ENGINE DETAILS

Operating Pressure	210 bars (3000 Psi)
Engine Brand & Model	MITSUBISHI Diesel S6A3- MPTK
Medium of Cooling	4 Cycle water Cooled
Idle Speed	400 rpm
Starter type	Air starter
Transportation type	Trailer Mounted Skid
Exhaust	Spark Arrestor
Safety type	Emergency Stop

HYDRAULIC UNIT DETAILS

Single Pump Brand	VT6ERM SINGLE PUMP 072
Quantity	4 Units
Double pump brand	VT6DCM DOUBLE PUMP 014
Quantity	4 Units
Jack Circuit Pump	216 gpm at 1800 rpm
Rotary Circuit pump	72 gpm at 1800 rpm

MUD TANKS

Type	A & B
Capacity	1500 bbl (Typ A), 80bbl (Typ B)
No of Tanks	'A' Type X 3 Nos + B Type X 1

POWER TONGS

Model	Mccoy KT8625
Pipe Size	Maximm8-5/8" (21.9cm)
Input Type	Hydraulic Powered
Maximum Power	5K ft-lbs

LOAD MASTER

Capacity	500 Tons
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FUEL TANKS

Capacity	80bbl (Typ A), 15 bbl (Typ B)
No of Tanks	'A' Type X 1 No + 'B' Type X 2
Transportation type	Skid Mounted

OTHER EQUIPMENTS & OFFICE ACCOMMODATIONS

1. POWER GENERATORS

Model :	PERKINS
Max Electric Load :	500 KVA
Engine Power :	6000 hp
Number of cylinder :	12

2. OFFICE ACCOMMODATIONS

Model :	4 Men
Container Type :	40 ft
Facility :	Climate Controlled
No of Units :	4

All equipment specifications are per the IADC standards



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These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Amwaj Trading Establishment standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.