

HH 1300HP RIG (REF#1912N)

Unused, brand new, immediately available.



No.	Description	Qty.	Mfg.
1	JJ225/42-KS1 Mast API Spec 4F No guy line, K type, Hydraulic raising, max. hook load 2250kN (500,000 lbs.), effective height 42m (137.8'), racking platform capacity 4000m (4 ½" DP 28m stand).		
1a	Mast Body	1 set	HH
1b	Racking Platform	1 set	HH
1c	Accessories: Ladder, tong counterbalance weight, block cradle etc.	1 set	HH
1d	Racking platform escape device	1 set	Imported
1e	Mast Raising Cylinder	2 sets	China
1f	Mast Jeep (for transportation)	1 set	
2	DZ225/6.7-S1 Substructure API Spec 4F Hydraulic vertical raising, max. hook load 2250kN (500,000 lbs.) setback capacity 4000m (4 ½" DP 28m stand). Drill floor height 6.7m (22'), drill floor area 11m (36.08') x 6m (19.7')		
2a	Substructure body	1 set	HH
2b	BOP trolley device	1 set	HH
2c	Substructure raising cylinder	4 sets	Luzhou Tuojiang
3	Drawworks JC40DB API Spec 7K Rated input power 970kW, single motor, two step gearbox, max. fastline pull 275 kN, wireline diameter 32mm, speed stepless adjustment, AC frequency variable + regenerative brake + 238DBBS Eaton air-cooling disc brake, 45kW auxiliary device used for emergency hoisting and auto-bit-feed is equipped.		
3a	Drawworks body	1 set	HH



No.	Description	Qty.	Mfg.
3b	Gearbox ratio: 83421:1 Input: 1050kW	1 set	
3c	238DBBS Eaton air-cooling disc brake	1 set	Eaton
3d	Drawworks AC motor (1000kW)	2 sets	Yongji
3e	45kW auxiliary drive device	1 set	HH
4	Crown Block TC225 API Spec 8A API Spec 4F Maximum static load 2250kN (500,000 lbs.), 1120mm (44") main sheave for 32mm wireline. Four auxiliary sheaves.	1 set	HH
5	Traveling Block w/hook YG225 API Spec 8C Maximum hook load 2250 kN (500,000 lbs.), 5 – 915mm (36") for 32mm wireline.	1 set	Huaxing Petroleum
6	Swivel SL225 API Spec 8A Maximum static load 2250kN (500,000 lbs.), maximum speed 300r/min, maximum working pressure 35MPa w/pneumatic spinner	1 set	LS - National Oilwell
7	ZP275 rotary table and drive	1 set	
7a	ZP275 Rotary table API Spec 7K Opening Dia. 698.5mm, Max. static load 4500kN (1,000,000lbs)max. speed 300r/min., gear ratio 3.67	1 set	HH
7b	Master Bushing		LS – National Oilwell
7c	Rotary Table Drive 1000kW AC motor power rotary table via universal shaft, maximum output torque 56000N·m, continuous operating torque 43585N·m, rotary table speed 0~300r/min stepless regulation w/inertial brake	1 set	HH
7d	AC motor (1000kW)	1 set	Yongji



No.	Description	Qty.	Mfg.
8	Driller's Control System		HH
8a	Driller's Control Cabin/Doghouse Hydraulic raise, control cabin and doghouse are on one skid, air conditioner and table chairs are furnished in the doghouse. Control cabin adopt integrated drilling instrumentation, digital control system, Pneumatic control panel, monitoring and recording system, communication system and EP air conditioner.	1 set	HH
8b	Driller's Console <ul style="list-style-type: none"> ▪Control & display monitor (Simens), software (HH) ▪Drawworks speed joystick ▪PLC Slave Station ▪Monitor 15" LCD ▪Emergency operating system ▪Eaton brake operating joystick and on-off switch ▪Integrated Drilling Parameter Instrument : Display drill hook-load, weight on bit, mud return flow-rate, standpipe pressure, rotary table speed, rotary table torque, hook speed, traveling block position, cathead pull, etc. 	2 set 1 set 1 set 1 set 1 set 1 set 1 set	Cavotec (Germany) HH Siemens Siemens Cavotec (Germany) HH
8c	Pneumatic control system and cubicle	1 set	HH
8d	AC control cubicles	1 set	HH
8e	Sensors for drilling parameters <ul style="list-style-type: none"> ▪Load cell ▪Standpipe pressure sensor ▪Standpipe pressure sensor buffer ▪Other sensors: <ul style="list-style-type: none"> ▪Two sets of pump stroke sensors, two sets of B-type tong torque sensors (hydraulic cathead), one set of outlet flowrate sensor, eight sets of ultrasonic level sensors. ▪Encoder: <ul style="list-style-type: none"> ▪One set for drawworks drum, one set for drawworks motor, one set for rotary motor and one set for bit-free motor. ▪M/D Totco Instrumentation: <ul style="list-style-type: none"> ▪One set weight indicator (transmitter included) ▪One set pump pressure indicator (sensor included) ▪One set tong "line pull" torque system (sensor included) 	1 set 1 set 1 set 1 set 1 set 4 sets 1 set	China China China Kangyu HH M/D Totco

HH 1300HP RIG (REF#1912N) CONTINUED



No.	Description	Qty.	Mfg.
8f	Monitoring System <ul style="list-style-type: none"> ▪Cameras and display monitor <ul style="list-style-type: none"> ▪Two fixed cameras for drawworks and shale shaker. ▪Three camera switch zoom lens for mud pump, rig floor and racking platform. ▪One camera with zoom lens is provided as spare. 	1 set 1 set	HH
9	Drill Floor Tools	1 set	
9a	5t (HW4-5000BA) Hydraulic Winch	2 sets	Henuo Shanghai
9b	2t (HW3-2000A) Hydraulic Winch	1 set	Henuo Shanghai
9c	Hydraulic cathead YM-10	2 sets	China
10	Hydraulic Power Supply		HH
10a	Hydraulic Power Unit Provide Hydraulic power for mast/sub raising cylinders	1 set	
10b	Hydraulic lines and connectors	1 set	
11	Deadline Anchor (Vertical Installation)	1 set	Jiangnan
12	Drilling Wireline API Spec 9B 6 x 19S+IWRC 32mm	1 roll (1000m)	Xianyang
13	Electrical wire line rewinder DDS38	1 set	HH
14	Mud Pump Equipment		
14a	Pump HHF-1300 Power 1300HP, Rated stroke 120s/min, Rated replacement 720GPM (liner 7"), maximum pump pressure 4517psi (liner 5 1/2")	2 sets	HH
14b	Pump Transmission 1 - 1000kW AC motor power 1 HHF-1300 pump via v-belt set	2 sets	HH
14c	Pump Motor (1000kW)	2 sets	Yongji

HH 1300HP RIG (REF#1912N) CONTINUED



No.	Description	Qty.	Mfg.
14d	Drilling Fluid Manifold Maximum working pressure 35Mpa (5000psi), nominal diameter 103mm (4") Single standpipe	1 set	HH
14e	Rotary Hose Rating pressure 35MPa (5000psi), 19m	1 set	Jingbo
14f	Solids Control System 3 tanks, total effective capacity 180m ³	1 set	Fabricated in China (shale shakers and degasser not incl.)
14g	Mud Tank 14.6m (41') x 3.4m (9.8') x 2.7m (8.9'), rounded bottom, winch-truck transportation capacity 83m ³ /522 bbl, weight 41365lbs	3 sets	HH
15	Mud Cleaning Equipment		
15a	Shale shaker Derrick 500B Capacity : 272.5 m ³ /h (1200GPM)	2 sets	Derrick
15b	Degassor VACU-FLO 1200 Capacity : 272.5 m ³ /h (1200GPM)	1 set	Derrick
15c	Desilter ZQJ100 x 10/1.5 x 0.6	1 set	Xian
15d	Desander ZQJ250 x 2/1.5x0.6		
15e	Centrifuge LW450 x 1000 Capacity 45m ³ /h (880GPM)		Guanghan
15f	SB6" x 8" Sand pump 55kW (1 for degassor, 1 for dislter) Capacity : 200m ³ /h (880GPM)	2 sets	Guanghan
15g	SB6" x 8" Sand pump 75kW (2 for weighing) Capacity : 240m ³ /h (1056GPM)	2 sets	Guanghan
15h	SB6" x 8" super charging pump 45kW Capacity : 200m ³ /h (880GPM)	2 sets	Guanghan
15i	SB 3" x 4" tripping pump 11kW Capacity : 80m ³ /h (352GPM)	1 set	Guanghan
15j	Agitator 15kW	7 sets	Guanghan

HH 1300HP RIG (REF#1912N) CONTINUED



No.	Description	Qty.	Mfg.
15k	Agitator7.5kW	1 set	Guanghan
15l	Rotary mud gun DN50	10 sets	Guanghan
15m	Mixing hopper	2 sets	Guanghan
16	Power Supply and AC Drive		
16a	1000GF4 Generator set 1000 kW /600V/60Hz	3 sets	Jinan
16b	VOLVO Auxiliary Gen set 300 ~400kW /480V/60Hz	1 set	Volvo
16c	Generator/Compressor house	3 sets	HH
16d	AC drive	1 set	HH
17	VFD/MCC House		
17a	Drawworks converter cubicle	1 set	ABB
17b	Rotary table converter cubicle	1 set	ABB
17c	Mud pump converter cubicle	2 sets	ABB
17d	Driller cubicle (45kW)	1 set	ABB inverter
17e	General cubicle (including PLC)	1 set	
17f	Generator control cubicle	3 sets	
17g	Rectifying cubicle	1 set	ABB
17h	Braking control cubicle	1 set	ABB
17i	Switchgear panel	1 set	
17j	MCC	4 sets	

HH 1300HP RIG (REF#1912N) CONTINUED



No.	Description	Qty.	Mfg.
17k	Synchronism cubicle	1 set	
17l	Transformer (1600KVA) 600V – 480V	1 set	
17m	Transformer for lighting system (250KVA) 480V – 208V	1 set	
17n	45kW air conditioner	1 set	Trane
17o	Power and control cable	1 set	
17p	Wellsite AC power supply system	1 set	
17q	Auxiliary equipment	1 set	
17r	Sir supply system	1 set	
17s	Piston air compressor (IR S300-2S/10-AC) Capacity : 2.8m ³ /min	2 sets	Ingersoll-Rand
17t	Dryer (HAD-3MXF) Capacity : 3.8m ³ /min	1 set	Hanyue
17u	Storage tank 2m ³	1 set	Shengtong
17v	Pipeline, valves and fittings	1 set	HH
17w	Cable tray	2 sets	HH
17x	Catwalk height 1070mm	1 set	HH
17y	Rig assembly fittings	1 set	HH
17z	Rig tools and fittings		

HH 1300HP RIG (REF#1912N) PHOTOS



HH 1300HP RIG (REF#1912N) PHOTOS

