# SPECIFICATION OF DDW800/240

Dimensions/Weight	
HDD Rig	
Length/Width/Height Weight Power pack	20000*3000*3300 mm 70 ton
Length/Width/Height Weight Operating room	10000*2500*2550 mm 23 ton
Length/Width/Height Weight	5000*2300*2200 mm 2 ton
Controls	
Cabin	Container skid type operating room with A/C
Control system	Electronic self-diagnostic digital system
Visualization	10" inch touch screen monitor, 3 pieces
Engine	
Make	Cummins
Rated power	550*3=1650 HP; 210*1=210 HP;
Rated speed	1900 rpm
Fuel tank capacity	3000 L
Hydraulic system	
Max pressure (rotary & carriage)	42 Mpa
Max pressure (control sys.)	30 Mpa
	00001
Hydraulic tank capacity	2000 L
Hydraulic tank capacity Undercarriage	2000 L
	Box welded frame,
Undercarriage	
Undercarriage Structure	Box welded frame,
Undercarriage Structure Travel	Box welded frame, Self-propelled on track crawler

Mast	
Transmission type	Rack & pinion
Rod support	Yes
Hose carrier	Full length of chain type
Mast stand	Yes
Drill angle	8-12°
Rotary drive	
Rotary torque	240000 N.M
Rotary speed	75 r/min
Transmission	Gear box
Carriage	
Maximum thrust/pullback force	8000 KN
Max travel speed	45 m/min
Max travel distance	12 m
Stake down	
Anchoring type	Manual anchoring
Extra beam standing bars	Yes
Wrench assembly	
Туре	Quad jaw
Sliding on the mast	Yes
Max breakout torque	830000 Nm
Max makeup force	5200 KN

Electrical	
Lights	Room, Wrench, Rotary
Pipe loader	
Туре	One rod type pipe loader
Crane	
Lifting capacity	8 ton
Control	Outside room
Drill pipe	
Туре	φ194*9600 mm
Thread	Z140 IEU
Pilot drill bit	
Beacon housing	Suitable For Wireless
	/Wireline Transmitter
Tools	
Back reamer Diameter	650, 850, 1050, 1250, 1450 MM

\* Specifications for reference only, machine subject to upgrade without prior notice. X

## **VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES**



Special make drill pipe



Mud mixing unit



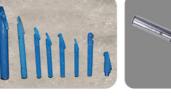


Fly Wing Backreamer





Expander Backreamer Beacon housing and drill bit







Transmitter

Commander

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### SETTING UP

Big angle setting up with dual syslinders and sliding racks for a fast and reliable stand of beam for a rough work of unit.



#### **WRENCH SYSTEM**

Tri connection and movable of the wrench system give a more strong and sturdy hold of rods so the work comes a easy and tiredless.



### EXTRA BAR STANDING

Extra bar adjustable standing frame structrues give a more strong uphold of the total system drilling when machine works in a very commanding job for a bigger pulling force.



## POWER PACK

Engine efficiently delivers tremendous power to all drilling functions so you can get the job done faster