

SPECIFICATION OF DDW800/240

Dimensions/Weight			
HDD Rig			
Length/Width/Height	Weight	20000*3000*3300 mm 70 ton	
Power pack			
Length/Width/Height	Weight	10000*2500*2550 mm 23 ton	
Operating room			
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		
Hydraulic tank capacity	2000 L		
Undercarriage			
Structure	Box welded frame,		
Travel	Self-propelled on track crawler		
Travel speed	0-1.0 km/h, forward & reverse		
Track plate width	550 mm		
Rear stabilizer	vertical		

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	
Type	Quad jaw
Sliding on the mast	Yes
Max breakout torque	830000 Nm
Max makeup force	5200 KN

Electrical	
Lights	Room, Wrench, Rotary
Pipe loader	
Type	One rod type pipe loader
Crane	
Lifting capacity	8 ton
Control	Outside room
Drill pipe	
Type	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. ※

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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DDW800/240

HORIZONTAL DIRECTIONAL DRILL

DW/TXS CONSTRUCTION EQUIPMENT (BEI JING) CO., LTD.



The crane on board facilitates simple handling of the rods, stacking boxes and add-on parts.

Sturdy drill mast made of high grade steel, heavy-duty double rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

Proven ground drive controller allows you to maneuver the drilling unit to a position that provides better visibility, easier loading/unloading and easier positioning.

Dual independent rear stabilizers are easy to set-up and enhance stability on uneven or rough terrain.



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.