

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, Self-propelled on track crawler
Travel	
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

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

No.6, Huoxing Fifth Street, Huo Conty Development Area Tongzhou District, Beijing, China.

Postal code: 101109 Tel: +86 10 80582365 Fax: + 86 10 80582515 Web: www.dwtxs.cn Email: feishubing@dwtxs.com



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.

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

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.

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 cylinders 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 structures 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.