

SPECIFICATION OF DDW1300/320

Dimensions/Weight

HDD Rig			
Length/Width/Height	Weight	21600*3200*3550 mm	81 ton
Power pack			
Length/Width/Height	Weight	9000*2850*3300 mm	32 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*4=2200 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	320000 N.M
Rotary speed	90 r/min
Transmission	Gear box

Carriage

Maximum thrust/pullback force	13000 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
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Pipe loader

Type	One rod type pipe loader
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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
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Tools

Back reamer Diameter	650, 850, 1050, 1250, 1450 MM
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※ 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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DDW1300/320

HORIZONTAL DIRECTIONAL DRILL

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



**THE MOST POWERFUL
MACHINE IN YOUR SITE!**

DDW1300/320



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.

OPERATING STATION

The operating elements are clearly arranged and all functions and drilling parameters can be controlled without a problem via interactive control.

PIPE CENTERIZATION

The front pipe centering device make the rod more targeted for the drill and help the work success on the site.



**DDW
1300/320**



**IF YOU HAVE THE
LONG AND TOUGH
JOB IN FRONT OF YOU,
JUST LET US KNOW!**