

SPECIFICATION OF DDW360/130

Dimensions

Length/Width/Height	17300*3000*3500 mm
Entry angle	9-16°
Machine weight	50 ton

Operator station

Cabin	Full closed, climate control with A/C
Control system	Electronic self-diagnostic PLC
Visualization	10" inch touch screen monitor
Operation controls	Operating levers

Engine

Make	Cummins
Model	QSB
Rated power	264*2=528 KW
Rated speed	2100 rpm
Fuel tank capacity	600 L

Hydraulic system

Max pressure (rotary & carriage)	35 Mpa
Max pressure (control sys.)	25 Mpa
Hydraulic tank capacity	670 L

Undercarriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-1.5 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	550 mm
Rear stabilizer	vertical

Mast

Fluid channel	Yes
Transmission type	Rack & pinion
Rod support	Yes
Hose carrier	Full length of chain type
Setup mode	Cylinder

Rotary drive

Rotary torque	130000 N.M
Rotary speed	90 r/min
Floating range	100mm
Transmission	Gear box
Rotary shaft	5 1/2 FH

Carriage

Maximum thrust/pullback force	3600 KN
Max travel speed	36 m/min
Max travel distance	11 m

Stake down

Anchoring type	Manual anchoring
Hole nos.	4

Wrench assembly

Type	Triple jaw
Sliding on the mast	Yes
Max breakout torque	300000 Nm
Max makeup force	942 KN
Clamp range	80 -254 mm

Pipe loader

Type	One arm type
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Safety device

Carriage backward limit	Yes
Pipe box safety	Yes

Lighting

Lights	Cabin, Wrench, Rotary
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Crane

Lifting capacity	3.2 TON
Control	INSIDE CABIN

Drill pipe

Typ	Φ140*9600 mm
Thread	5 1/2 FH

Pilot drill bit

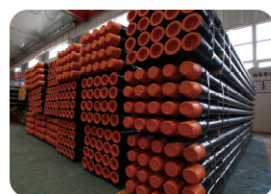
Beacon housing	Suitable for wireless/wireline transmitter
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Tools

Back reamer Diameter	430, 530, 630, 730, 820, 920, 1050, 1250, 1450 mm
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※ Closed cabin with A/C, on board crane, hydraulic anchor system, automatic pipeloader etc, can be optional equipment available at customer's request! ※

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.

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DDW360/130

HORIZONTAL DIRECTIONAL DRILL

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



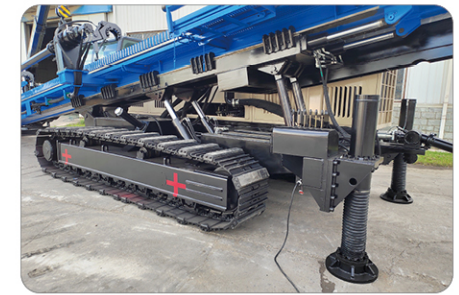
Sturdy drill mast made of high grade steel, heavy-duty double rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

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

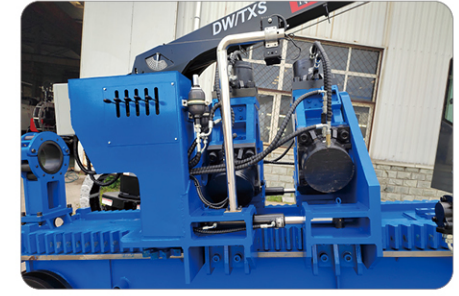
Dual independent rear stabilizers are easy to set up and enhance stability on uneven or rough terrain.

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

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



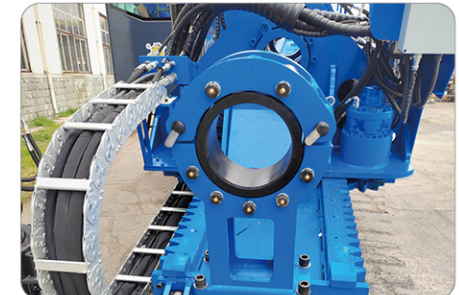
SETTING UP
Big angle setting up with dual cylinders and sliding racks for a fast and reliable stand of beam for a rough work of unit.



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.



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.