

SPECIFICATION OF DDW360/130

Drilling rig

Length/Width/Height	17700*3100*3750 mm
Entry angle	8-12°
Unit weight	46 ton

Operator room

Length/Width/Height	6000*2500*2600 mm @ 2.0 ton
Environment control	Full closed, climate control with A/C
Control system	Electronic self-diagnostic PLC
Visualization	10" inch colour screen monitor * 3
Operation controls	Joysticks and levers

Power pack

Length/Width/Height	6500*2200*3100 mm @ 6.0 ton
Engine	Cummins
Rated power	264*2=528 KW
Rated speed	1900 rpm
Fuel tank capacity	760 L

Hydraulic system

Max pressure (rotary & carriage)	35 Mpa
Max pressure (control sys.)	25 Mpa
Hydraulic tank capacity	940 L

Undercarriage

Structure	Box welded frame, self-propelled on track crawler
Travel	
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
Mast stand	Yes

Rotary drive

Rotary torque	130000 N.M
Rotary speed	90 r/min
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	12 m

Stake down

Anchoring type	Manual anchoring
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Wrench assembly

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

Pipe loader

Type	One rod type pipe loader
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Lighting

Lights	Room, Wrench, Rotary
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Crane

Lifting capacity	3.2 ton
Control	Outdoors

Drill pipe

Type	Φ 168*9600 mm
Thread	6 5/8 FH

Tools

Back reamer Diameter	500, 700, 900, 1000, 1100, 1200, 1300, 1400, 1500 mm
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VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES



Special make drill pipe



Mud mixing & recycling



Cutting type Backreamer



Cone type Backreamer



Beacon housing & drill bit



F5 & Transmitter



Paratrack 2

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

No.6, Huoxing Fifth Street, Huo County 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



DDW360/130

HORIZONTAL DIRECTIONAL DRILL

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

DWTXS

**PULL FORCE: 360 TON
TORQUE: 130 K NM**

Full length maintenance walk way
with fence makes it easy and safe for
checking all parts above the chassis.



DDW360/130

MACHINE MAKE YOU FEEL CONFIDENT!

Broad anchoring board and rear supporting beam connected by the wire rope to give a stable anchoring during the maximum force pulling.

Dual rod supporter on the anti-mud slippery beam let the rod even and stable before threaded into the shaft.

Movable clamping, level adjusting pipe loader, onboard lifting crane, all these equipment make sure the rig can give a safe and efficient pipe handling work on the rig.

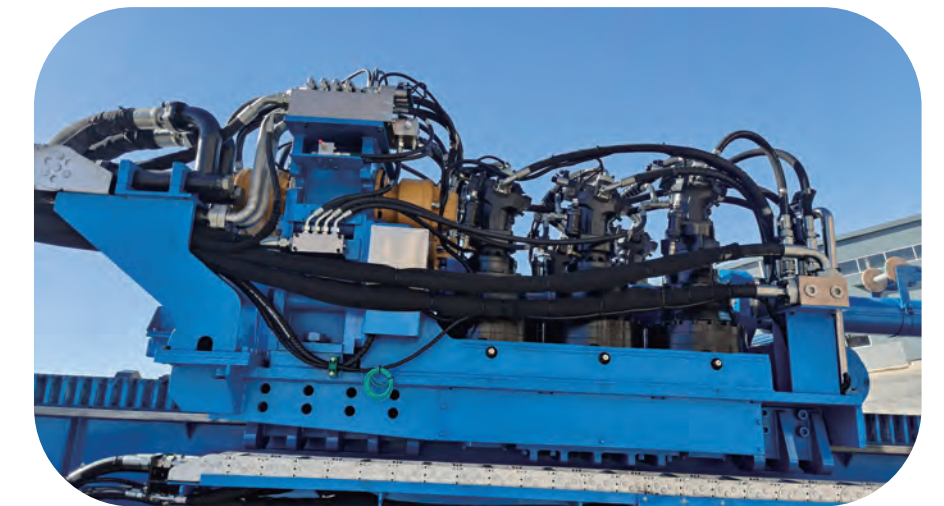
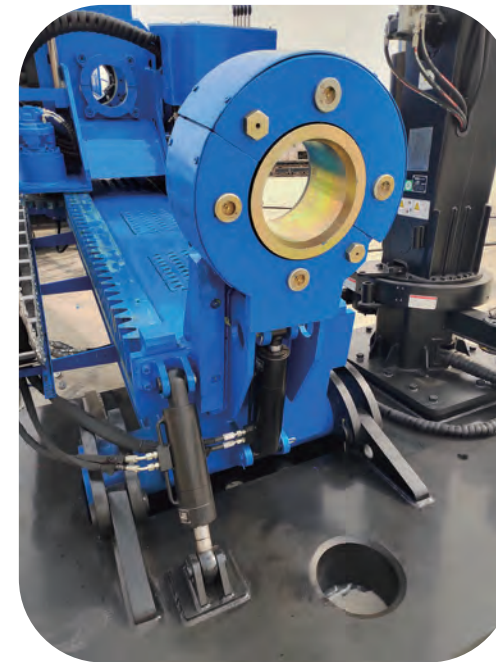
DWTS



Double cylinder jacking with sliding rack and mast to setting the optimal angle for a stable and efficient drilling.



Steel track chassis equipped with individual engine for rig movement so the machine can be transit by itself and no need other traction for the short distance running.



DWTKS

Drill condition data and rig movement can be easily seen from the monitoring screen in the room so the operator can get the information for all only within his chair.

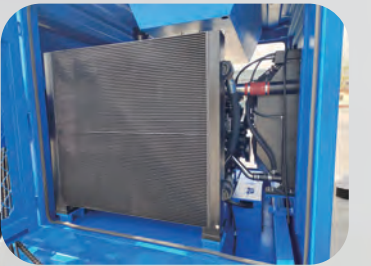


Container structure, home use air conditioning, electronic dual joystick with clear buttons, one-piece big glass window gives the operator a complete easy view and control on the working rig in the operating room.



All connection by the quick couplings make the set up work easy and precise.

Individual cooling system let the fluid always at the decent working temperature so the operator no need to worry about the working ground is desert or tropical.



Dual diesel engine power pack provide long lasting and consistent power for carriage and rotation at any difficult drill time.