

# 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          | 670 L  |

※ Specifications for reference only subject to change prior to notice. ※

### 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 |
|----------------|------------------|

### Wrench assembly

|                     |            |
|---------------------|------------|
| Type                | Triple jaw |
| Sliding on the mast | Yes        |
| Max breakout torque | 300000 Nm  |
| Max makeup force    | 3700 KN    |
| Clamp range         | 80 -254 mm |

### Pipe loader

|      |                          |
|------|--------------------------|
| Type | One rod type pipe loader |
|------|--------------------------|

### Lighting

|        |                      |
|--------|----------------------|
| Lights | Room, Wrench, Rotary |
|--------|----------------------|

### Crane

|                  |          |
|------------------|----------|
| Lifting capacity | 3.2 ton  |
| Control          | Outdoors |

### Drill pipe

|        |               |
|--------|---------------|
| Type   | Φ 140*9600 mm |
| Thread | 5 1/2 FH      |

### Tools

|                      |                                                      |
|----------------------|------------------------------------------------------|
| Back reamer Diameter | 500, 700, 900, 1000, 1100, 1200, 1300, 1400, 1500 mm |
|----------------------|------------------------------------------------------|

## 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

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# 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.

## DWTKS

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.

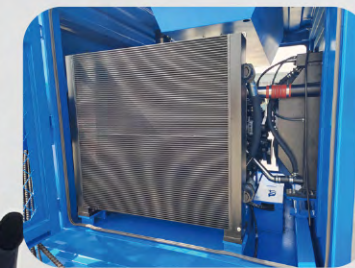


Container structure, home use air conditioning, electronic dual joystick with clear buttons, one-piece big glass window gives the operator a complete easy view and control on the working rig in the operating room.



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.