

# SPECIFICATION OF DDW160/50

## Dimensions/ Weight

Length/Width/Height	12200*2500*3000 mm
Entry angle	14-16°
Machine weight	25 ton

## Operator station

Cabin	Full closed, climate control with A/C
Rotation	0-90°
Control system	Electronic self-diagnostic PLC
Visualization	10" inch touch screen monitor
Operation controls	Electronic & hyd joystick 2

## Engine

Make	Cummins
Rated power	264 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

## Hydraulic system

Max pressure (rotary & carriage)	38 Mpa
Max pressure (control sys.)	30 Mpa
Hydraulic tank capacity	800 L

## Stake down

Anchoring type	Manual anchoring
Hole nos.	3

## Under carriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-2.5 km/h, forward & reverse
Track	Steel type
Track plate width	450 mm
Rear stabilizer	2

## Drill mast

Transmission type	Rack & pinion
Hose carrier	Full length of chain type
Setup mode	Double cylinder

## Rotary drive

Rotary torque	50000 N.M
Rotary speed	100 r/min
Transmission	Gear box

## Carriage

Maximum thrust/pullback force	1600 KN
Max travel speed	46 m/min
Max travel distance	6.4 m

## Wrench assembly

Type	Clamp jaw
Max breakout torque	100000 Nm
Max makeup force	940 KN
Thread greasing	Automatic

## Pipe loader

Type	One rod type pipe loader
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## Crane

Lifting capacity	2 ton
Control	Out doors

## Mud pump

Type	On board
Volume	950 L/min
Maximum pressure	10 Mpa

## Drill pipe

Type	Φ 127*6000 mm
Thread	NC50

## Tools

Back reamer	730, 820, 920, 1050, 1200, 1400 mm
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※ Specifications for reference only subject to change prior to notice. ※

# 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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DW/TXS

DDW160/50

HORIZONTAL DIRECTIONAL DRILL

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

**DW**TXS

**LONG-DISTANCE!**

DDW160/50

WELL PREPARED MEANS  
HIGH PERFORMANCE!

DDW160/05

# DWTS

WORTH THE EFFORT!



## MUD PUMP

The onboard mud pump can be adjustable for the specified requirement of bentonite fluid during your different condition of drilling work to make your project economic and safe.



## POWER STATION

The world famous Cummins engine is so popular make it easy for maintenance and parts available any where and, it is so powerful and durable at any job site.



## TRACK & CHASSIS

Broad undercarriage with rubberized steel tracks-extremely mobile and self supporting, especially for the sensitive road in the municipal area.

# STRONG IN PIPE PULLING!



## PULL FORCE: 160 TON TORQUE: 50000 NM

# DW160/05

## UPSIZING!



# DW TXS



### PIPE LOADER

One rod pipe loader for a easy and fast adding and change of rods on the job site make the work more continuously.

### CONTROL PANEL

The comfortable seat is spring mounted and can be adjusted individually for the most customized ergonomics requirement.



### WRENCH SYSTEM

Open-top vise wrenches are angled toward the operator, excellent view of the tool joint when making up and breaking out pipe.

### ANCHORING

Broad and strong make stake down system allows you to push or pull with full machine thrust and remain secure in virtually any drilling condition.



# HIGH PERFORMANCE!