

## SPECIFICATION OF DDW43/20

### Dimensions

Length/Width/Height	7100*2280*2500 mm
Entry angle	14-21°
Machine weight	14 ton

### Operator station

Cabin	Full closed, climate control with A/C
Rotation	0-900
Control system	Electronic & hyd
Operation controls	Joystick 2

### Engine

Make	Cummins
Rated power	179 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

### Hydraulic system

Max pressure (rotary & carriage)	38 Mpa
Max pressure (control sys.)	23 Mpa
Hydraulic tank capacity	420 L

### Undercarriage

Structure	Box welded frame, Self propelled on track crawler
Travel speed	0-3.2 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	350 mm
Rear stabilizer	2

### Mast

Fluid channel	Yes
Transmission type	Rack & pinion
Hose cammer	Full length of chain type
Setup mode	Double cylinder

### Rotary drive

Rotary torque	20000 N.M
Rotary speed	190
Transmission	Gear box
Rotary shaft	D80

### Carriage

Maximum thrust/pullback force	430KN
Max travel speed	50 m/min
Max travel distance	3.6 m

### Stake down

Anchoring type	Hydraulic double anchoring
Hole nos.	4

### Wrench assembly

Type	Clamp jaw
Max breakout torque	45000 Nm
Max makeup force	406 KN
Clamp range	27 - 118 mm
Thread greasing	Automatic

### Pipe loader

Type	Automatic pipe feeding
Rod box capacity	30

### Mud pump

Type	On board
Volume	600 L/min
Maximum pressure	10 Mpa

### Drill pipe

Type	Φ83*3000 mm
Thread	D80

### Tools

Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050 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



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## HORIZONTAL DIRECTIONAL DRILL

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