

SPECIFICATION OF DDW50/30AT

Dimensions

Length/Width/Height	7400*2300*2600 mm
Entry angle	16-24°
Machine weight	15 ton

Operator station

Cabin	Closed cabin with A/C
Rotation	0-900
Control system	Electronic & hyd
Operation controls	Joystick 2

Engine

Make	Cummins
Rated power	194 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

Hydraulic system

Max pressure (rotary & carriage)	30 Mpa
Max pressure (control sys.)	21 Mpa
Hydraulic tank capacity	530 L

Undercarriage

Structure	Box welded frame,
Travel speed	0-3.5 km/h, forward & reverse
Track	Steel type
Track plate width	350 mm

Mast

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

Rotary drive

Rotary torque outer rod	30000 N.M
Rotary torque inner rod	3000 N.M
Rotary speed outer rod	250
Rotary speed inner rod	240
Transmission	Gear box
Thread	NC31

Carriage

Maximum thrust/pullback force	500 KN
Max travel speed	46 m/min
Max travel distance	4.2 m

Stake down

Anchoring type	Manual anchoring
Hole nos.	3

Wrench assembly

Type	Clamp jaw
Max breakout torque	50000 Nm
Max makeup force	400 KN
Clamp range	120 mm

Pipe loader

Type	One rod type pipe loader
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Crane

Lifting capacity	2 ton
Control	Out doors

Mud pump

Volume	600 L/min
Maximum pressure	10 Mpa

Drill pipe

Outer rod	Φ89*3000 mm
Inner rod	Φ50*3000 mm

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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土行孫

DDW50/30AT

HORIZONTAL DIRECTIONAL DRILL

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

The crane on board facilitates simple handling of the semi-automatic rodchanging system.

The glazing configuration of the operator's cabin offers a panoramic view of the surroundings.

Equipped with inner and external drill rod to suit all terrain drilling work. Infinitely variable rotary drive enables the machine to match spindle speed and torque to power through virtually both hard earth and rocks soil condition.

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



ADVANCED DESIGN
Modern design of the beauty line for the new style of units give the site fast and reliable operations not tiredness for the job itself.



CHAIN TYPE HOSE RACK
Chain type rack for all hoses from front to rear give a clear and beautiful arrangement in the unit make it fast and efficient work unit.



FLUID PUMP
Onboard, enclosed 600-L/min fluid pump for productive drilling at greater distances



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