

SPECIFICATION OF DDW50/30AT

Dimensions/ Weight

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

Operator station

Cabin	Closed cabin with A/C
Rotation	0-90°
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

Stake down

Anchoring type	Manual anchoring
Hole nos.	3

Under carriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-3.5 km/h, forward & reverse
Track	Steel type
Track plate width	350 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 outer rod	30000 N.M
Rotary torque inner rod	3000 N.M
Rotary speed outer rod	250 r/min
Rotary speed inner rod	240 r/min
Transmission	Gear box

Carriage

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

Wrench assembly

Type	Clamp jaw
Max breakout torque	50000 Nm
Max makeup force	400 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	600 L/min
Maximum pressure	10 Mpa

Drill pipe

Outer rod	Φ 89*3000 mm
Inner rod	Φ 50*3000 mm
Thread	NC31

Tools

Back reamer	330, 430, 530, 630, 730, 820 mm
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※ Specifications for reference only subject to change prior to notice. ※

VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES



All Terrain drill pipe



Mud mixing system



Rock reamer/ hole opener



Rock master



Tri cone drill bit



F5 & Transmitter



Paratrack 2

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

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DW/TXS



DDW50/30AT

ALL TERRAIN HORIZONTAL DIRECTIONAL DRILL

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

DWTXS

HIGH PERFORMANCE!



DDW50/30AT

DWTXS

BREAK THE ROCK!



ROTARY AND CARRIAGE

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.

POWER STATION

Cummins engine has always been site proven to be a good choice for the tough jobs of the drilling machine by the big power and maintenance free.

BEACON HOUSING

The special make Rock Master all terrain drill pipe drilling beacon housing is typically used in the hard rock drilling job and gives the correct signals at all times.

CONTROL PANEL

All functions are arranged into the smart joystick and so easy for the operator to control with all the data clearly show in front of seat by the instruments.



NEVER LET YOU DOWN IN ROCK!

PULL FORCE: 50 TON TORQUE: 30000 NM



DW50/30AT

ROCK MASTER!



DWTXS



DUAL ROD

World patented and unique technology make it leading position of the DOUBLE ROD in the rock drilling!

FLUID PUMP

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



PIPE SHATTLE

The stronger make All Terrain dual pipe shuttle box alocates 4 line of rods although the weightness of rod both of inner and outter.

PIPE FEEDING

The automatic pipe loader system makes the unit works in a high efficient way and greatly improve the site project speed.



MACHINE FOR ROCK!