

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

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

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
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

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.

DW TXS



HIGH PERFORMANCE!

DDW 50/30AT

BREAK THE ROCK!

DWTS



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

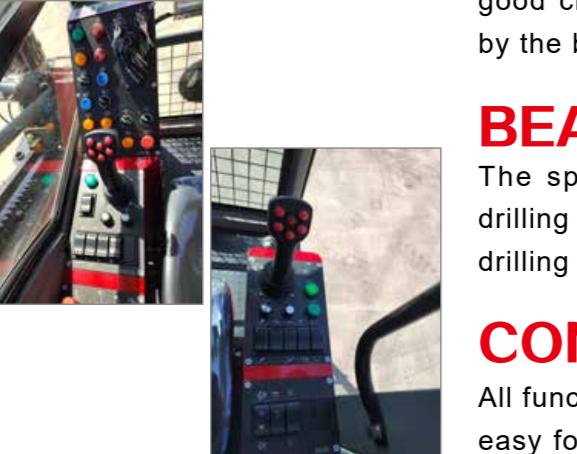
Cummins engine has always been site proven to be a good choice for the tough jobs of the drilling machine by the big power and maintenance free.

BEACON HOUSING

The special make Rock Master all terrain drill pipe drilling beacon housing is tipically 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

DDW50/30A



ROCK MASTER!

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 SHUTTLE

The stronger make All Terra individual pipe shuttle boxa locates 4 line of rods although the weight is so frid both of inner and outer.

PIPE FEEDING

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

MACHINE FOR ROCK!

DWTXS