

SPECIFICATION OF DDW20/10AT

Dimensions/ Weight

Length/Width/Height	6670*2260*2530 mm
Entry angle	13-20°
Machine weight	8.5 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	125 KW
Rated speed	2200 rpm
Fuel tank capacity	160 L

Hydraulic system

Max pressure (rotary & carriage)	40 Mpa
Max pressure (control sys.)	21 Mpa
Hydraulic tank capacity	330 L

Under carriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-3.2 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	300 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	7000 N.M
Rotary torque inner rod	1220 N.M
Rotary speed outer rod	188 r/min
Rotary speed inner rod	240 r/min
Transmission	Gear box

Carriage

Maximum thrust/pullback force	200 KN
Max travel speed	60 m/min
Max travel distance	3.45 m

Wrench assembly

Type	Clamp jaw
Max breakout torque	15000 Nm
Thread greasing	Automatic

Stake down

Anchoring type	Hydraulic double anchoring
Hole nos.	2

Pipe loader

Type	Automatic pipe feeding
Rod box capacity	40

Mud pump

Type	On board
Volume	400 L/min
Maximum pressure	10 Mpa

Drill pipe

Outer rod	Φ60*3000 mm
Inner rod	Φ25*3000 mm
Thread	AT30

Tools

Back reamer	330, 430, 530, 630, 730 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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DDW20/10AT

ALL TERRAIN HORIZONTAL DIRECTIONAL DRILL

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

DWTKS



ALL TERRAIN!

DDW20/10AT

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.

DUAL STICK OPERATION

L&R joystick operation gets all the drill functions make the control of unit as a easy job and lower the pressure of daily work on site.



NEVER LET YOU DOWN IN ROCK!



PULL FORCE: 20 TON TORQUE: 7000 NM

ROCK MASTER!



DWTXS



PIPE SHATTLE

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

PIPE FEEDING

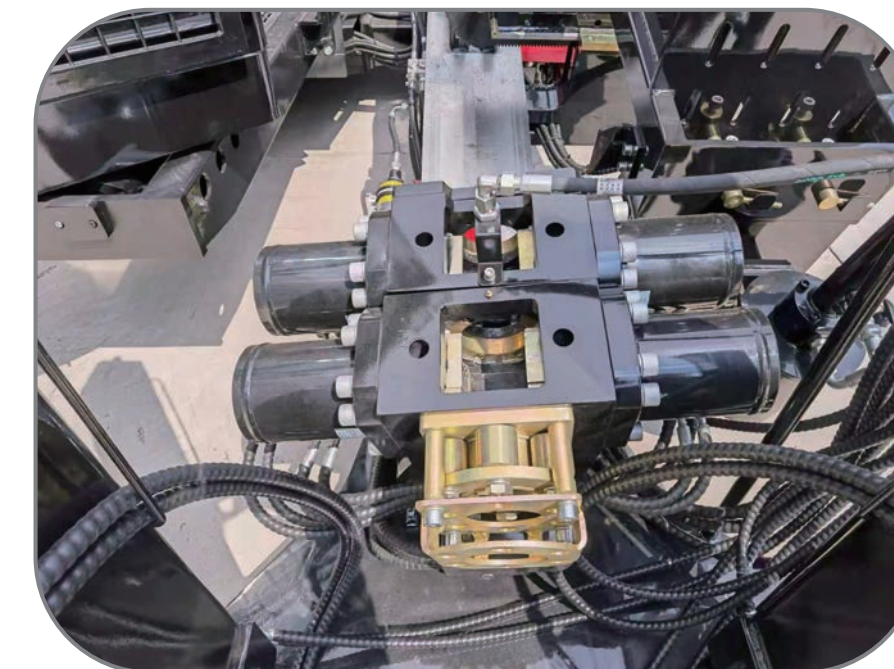
The automatic pipe loader system makes the unit works in a high efficient way and greatly improve the site project speed.

DUAL ROD

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

FLUID PUMP

Onboard, enclosed 400-L/min fluid pump for productive drilling at greater distances.



MACHINE FOR ROCK!