

SPECIFICATION OF DDW75/40AT

Dimensions

Length/Width/Height	11000*3000*2850 mm
Entry angle	14°
Machine weight	25 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	294 KW
Rated speed	2100 rpm
Fuel tank capacity	700 L

Hydraulic system

Max pressure (rotary & carriage)	42 Mpa
Max pressure (control sys.)	35 Mpa
Hydraulic tank capacity	400 L

Undercarriage

Structure	Box welded frame,
Travel speed	0-2.0 km/h, forward & reverse
Track	Steel type
Track plate width	400 mm

Mast

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

Rotary drive

Rotary torque outer rod	40000 N.M
Rotary torque inner rod	7000 N.M
Rotary speed outer rod	160
Rotary speed inner rod	150
Transmission	Gear box
Thread	NC46

Carriage

Maximum thrust/pullback force	750 KN
Max travel speed	40 m/min
Max travel distance	6.0 m

Stake down

Anchoring type	Manual anchoring
Hole nos.	4

Wrench assembly

Type	Clamp jaw
Max breakout torque	106000 Nm
Max makeup force	610 KN
Clamp range	150 mm

Pipe loader

Type	Automatic pipe feeding
Rod box capacity	9

Crane

Lifting capacity	3.2 ton
Control	Out doors

Mud pump

Volume	950 L/min
Maximum pressure	10 Mpa

Drill pipe

Outer rod	Φ114*4500 mm
Inner rod	Φ60*4500 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



Hole opener rock



Expander Backreamer



Rock master type housing



Tricone bit for rock



Commander

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DDW75/40AT

ALL TERRAIN HORIZONTAL DIRECTIONAL DRILL

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

The crane on board facilitates simple handling of the 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

Morden 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 beatifully arrangement in the unit make it fast and efficient work unit.



DRILL HEAD

Highly advanced technical drill head makes the rock drill easy as well.



SCREEN DATA SHOW

Digital showing of all the drill data gives the operator a clear picture of how the job going on under control.