

SPECIFICATION OF DDW80/40

Dimensions	
Length/Width/Height	9900*2300*2700 mm
Entry angle	14°
Machine weight	20 ton
Operator station	
Cabin	Full closed, climate control with A/C
Rotation	0-900
Control system	Electronic & hyd
Operation controls	Joystick 2
Engine	
Make	Cummins
Rated power	264 KW
Rated speed	2200 rpm
Fuel tank capacity	400 L
Hydraulic system	
Max pressure (rotary & carriage)	40 Mpa
Max pressure (control sys.)	34 Mpa
Hydraulic tank capacity	750 L
Undercarriage	

Structure	Box welded frame, Self-propelled on track crawler
Travel	
Travel speed	0-2.5 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	400 mm
Rear stabilizer	2
Mast	
Fluid channel	Yes
Transmission type	Rack & pinion
Hose carrier	Full length of chain type
Setup mode	Double cylinder
Rotary drive	
Rotary torque	40000 N.M
Rotary speed	140
Transmission	Gear box
Rotary shaft	NC38
Carriage	
Maximum thrust/pullback force	800 KN
Max travel speed	46 m/min
Max travel distance	5.3 m
Stake down	
Anchoring type	Manual anchoring
Hole nos.	3

Wrench assembly	
Type	Clamp jaw
Max breakout torque	100000 Nm
Max makeup force	460 KN
Clamp range	127 -168 mm
Pipe loader	
Type	One rod type pipe loader
Crane	
Lifting capacity	2 ton
Control	Out doors
Mud pump	
Type	On board
Volume	800 L/min
Maximum pressure	10 Mpa
Drill pipe	
Type	Φ102*4500 mm
Thread	NC38
Tools	
Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050 mm

※ 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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DDW80/40
HORIZONTAL DIRECTIONAL DRILL

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



Fully enclosed cab offers premium operator comfort and complete climate control.

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

Heavy-duty stakedown system allows you to push or pull with full machine thrust and remain secure in virtually any drilling condition.

Heavy-duty double rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

Broad undercarriage with rubberised steel tracks—extremely mobile and self-supporting, especially for the sensitive road in the municipal area. Large hood easily accessible for service and maintenance.



ENGINE

Broad opening of the engine and hydraulic system for a most easy service and check-up during the operation of any tough jobs by the operator.



FLUID PUMP

The most strong and enough flow and pressure of mud pump gives the machine and drill a fast and fluent daily work no matter in the soil condition or hard land ground.



PIPE LOADER

The new design of one rod pipe loader make the job more easy and more safe for the workman during any pipe replacement and installation.



ROTARY & CARRIAGE

The most powerful rotation and thrust system gives the machine fast drill without any stop at the front of hard ground challenge.