

## SPECIFICATION OF DDW80/40

<b>Dimensions</b>		Structure	Box welded frame, Self-propelled on track crawler	<b>Wrench assembly</b>	
Length/Width/Height	9900*2300*2700 mm	Travel	0-2.5 km/h, forward & reverse	Type	Clamp jaw
Entry angle	14°	Travel speed	Steel type with rubber pad	Max breakout torque	100000 Nm
Machine weight	20 ton	Track	400 mm	Max makeup force	460 KN
<b>Operator station</b>		Track plate width	2	Clamp range	127 -168 mm
Cabin	Full closed, climate control with A/C	Rear stabilizer		<b>Pipe loader</b>	
Rotation	0-90°	<b>Mast</b>		Type	One rod type pipe loader
Control system	Electronic & hyd	Fluid channel	Yes	<b>Crane</b>	
Operation controls	Joystick 2	Transmission type	Rack & pinion	Lifting capacity	2 ton
<b>Engine</b>		Hose carrier	Full length of chain type	Control	Out doors
Make	Cummins	Setup mode	Double cylinder	<b>Mud pump</b>	
Rated power	264 KW	<b>Rotary drive</b>		Type	On board
Rated speed	2200 rpm	Rotary torque	40000 N.M	Volume	950 L/min
Fuel tank capacity	400 L	Rotary speed	140	Maximum pressure	10 Mpa
<b>Hydraulic system</b>		Transmission	Gear box	<b>Drill pipe</b>	
Max pressure (rotary & carriage)	40 Mpa	Rotary shaft	NC38	Type	Φ102*4500 mm
Max pressure (control sys.)	34 Mpa	<b>Carriage</b>		Thread	NC38
Hydraulic tank capacity	750 L	Maximum thrust/pullback force	800 KN	<b>Tools</b>	
<b>Undercarriage</b>		Max travel speed	46 m/min	Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050 mm
		Max travel distance	5.3 m		
		<b>Stake down</b>			
		Anchoring type	Manual anchoring		
		Hole nos.	3		

※ 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

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

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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.

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.

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.

Full machine thrust and remain secure in virtually any drilling condition.



**WRENCH SYSTEM**  
Open-top vise wrenches are angled toward the operator. Excellent view of the tool joint when making up and breaking out pipe.



**FLUID PUMP**  
Onboard, enclosed 800-L/min fluid pump for productive drilling at greater distances



**ELECTRIC MONITOR**  
Equipped with 10 inch monitor screen showing the important drill data, like rotary speed, torque or thrust and pullback forces for the operator's timely control.



**ROTARY & CARRIAGE**  
Drive slide with rack and pinion: Stepless adjustment of torque and revolution speed for optimal power transmission.