

SPECIFICATION OF DDW160/50

Dimensions/ Weight		Under carriage		Wrench assembly	
Length/Width/Height	12200*2500*3000 mm	Structure	Box welded frame,	Type	Clamp jaw
Entry angle	14-16°	Travel	Self-propelled on track crawler	Max breakout torque	100000 Nm
Machine weight	25 ton	Travel speed	0-2.5 km/h, forward & reverse	Thread greasing	Automatic
Operator station		Track	Steel type	Pipe loader	
Cabin	Full closed, climate control with A/C	Track plate width	450 mm	Type	One rod type pipe loader
Rotation	0-90°	Rear stabilizer	2	Crane	
Control system	Electronic self-diagnostic PLC	Drill mast		Lifting capacity	2 ton
Visualization	10" inch touch screen monitor	Transmission type	Rack & pinion	Control	Out doors
Operation controls	Electronic & hyd joystick 2	Hose carrier	Full length of chain type	Mud pump	
Engine		Setup mode	Double cylinder	Type	On board
Make	Cummins	Rotary drive		Volume	950 L/min
Rated power	264 KW	Rotary torque	50000 N.M	Maximum pressure	10 Mpa
Rated speed	2200 rpm	Rotary speed	100 r/min	Drill pipe	
Fuel tank capacity	540 L	Transmission	Gear box	Type	Φ 127*6000 mm
Hydraulic system		Carriage		Thread	NC50
Max pressure (rotary & carriage)	38 Mpa	Maximum thrust/pullback force	1600 KN	Tools	
Max pressure (control sys.)	30 Mpa	Max travel speed	46 m/min	Back reamer	730, 820, 920, 1050, 1200,1400 mm
Hydraulic tank capacity	800 L	Max travel distance	6.4 m		
Stake down					
Anchoring type	Manual anchoring				
Hole nos.	3				

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

VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES



Special make drill pipe



Mud mixing & recycling



Cutting type Backreamer



Cone type Backreamer



Beacon housing & drill bit



F5 & Transmitter



Paratrack 2

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DDW160/50

HORIZONTAL DIRECTIONAL DRILL

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

DWTXS

LONG-DISTANCE!

DDW160/50

KEQS42-3

WELL PREPARED MEANS
HIGH PERFORMANCE!

DDW160/05

DWTS

WORTH THE EFFORT!



MUD PUMP

The onboard mud pump can be adjustable for the specified requirement of bentonite fluid during your different condition of drilling work to make your project economic and safe.



POWER STATION

The world famous Cummins engine is so popular make it easy for maintenance and parts available any where and, it is so powerful and enduring at any job site.



TRACK & CHASSIS

Broad undercarriage with rubberized steel tracks-extremely mobile and self supporting, especially for the sensitive road in the municipal area.

STRONG IN PIPE PULLING!



PULL FORCE: 160 TON TORQUE: 50000 NM

DW160/05

UPSIZING!



DW TXS



PIPE LOADER

One rod pipe loader for a easy and fast adding and change of rods on the job site make the work more continuously.



WRENCH SYSTEM

Open-top vise wrenches are angled toward the operator, excellent view of the tool joint when making up and breaking out pipe.

ANCHORING

Broad and strong make stake down system allows you to push or pull with full machine thrust and remain secure in virtually any drilling condition.



CONTROL PANEL

The comfortable seat is spring mounted and can be adjusted individually for the most customized ergonomics requirement.



HIGH PERFORMANCE!