

SPECIFICATION OF DDW160/50

Dimensions		Structure	Box welded frame, self-propelled on track crawler	Wrench assembly	
Length/Width/Height	12200*2500*3000 mm	Travel	0-2.5 km/h, forward & reverse	Type	Clamp jaw
Entry angle	14-16°	Travel speed	Steel type with rubber pad	Max breakout torque	100000 Nm
Machine weight	25 ton	Track	450 mm	Max makeup force	940 KN
Operator station		Track plate width	2	Pipe loader	
Cabin	Full closed, climate control with A/C	Rear stabilizer		Type	One rod type pipe loader
Rotation	0-90°	Mast		Crane	
Control system	Electronic self-diagnostic PLC	Fluid channel	Yes	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	800 L/min
Rated power	264 KW	Rotary torque	50000 N.M	Maximum pressure	10 Mpa
Rated speed	2200 rpm	Rotary speed	100	Drill pipe	
Fuel tank capacity	540 L	Transmission	Gear box	Type	Φ 127*6000 mm
Hydraulic system		Rotary shaft	NC50	Thread	NC50
Max pressure (rotary & carriage)	38 Mpa	Carriage		Tools	
Max pressure (control sys.)	30 Mpa	Maximum thrust/pullback force	1600 KN	Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050mm
Hydraulic tank capacity	800 L	Max travel speed	46 m/min		
Undercarriage		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

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

No.6, Huoxing Fifth Street, Huo County Development Area Tongzhou District, Beijing, China.

Postal code: 101109 Tel: +86 10 80582365 Fax: +86 10 80582515 Web: www.dwtxs.cn Email: feishubing@dwtxs.com

DW/TXS



DDW160/50

HORIZONTAL DIRECTIONAL DRILL

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



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

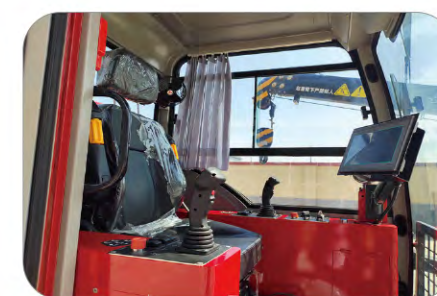
Heavy-duty double rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

Renowned Proclain rotary motor for a high torque performance and big impact absorption.

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

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

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



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



ROTARY & CARRIAGE
Drive slide with rack and pinion, step-less adjustment of torque and revolution speed for optimal power transmission.



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.



MUD PUMP
Onboard mud pump supplying the important fluid to the drill bit and down hole formation and cooling down the whole system temperature so the service life has been prolonged.