

SPECIFICATION OF DDW160/50

Dimensions/ Weight	
Length/Width/Height	12200*2500*3000 mm
Entry angle	14-16°
Machine weight	25 ton

Operator station	
Cabin	Full closed, climate control with A/C
Rotation	0-90°
Control system	Electronic self-diagnostic PLC
Visualization	10" inch touch screen monitor
Operation controls	Electronic & hyd joystick 2

Engine	
Make	Cummins
Rated power	264 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

Hydraulic system	
Max pressure (rotary & carriage)	38 Mpa
Max pressure (control sys.)	30 Mpa
Hydraulic tank capacity	800 L

Stake down	
Anchoring type	Manual anchoring
Hole nos.	3

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

Under carriage	
Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-2.5 km/h, forward & reverse
Track	Steel type
Track plate width	450 mm
Rear stabilizer	2

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

Rotary drive	
Rotary torque	50000 N.M
Rotary speed	100 r/min
Transmission	Gear box

Carriage	
Maximum thrust/pullback force	1600 KN
Max travel speed	46 m/min
Max travel distance	6.4 m

Wrench assembly	
Type	Clamp jaw
Max breakout torque	100000 Nm
Max makeup force	940 KN
Thread greasing	Automatic

Pipe loader	
Type	One rod type pipe loader

Crane	
Lifting capacity	2 ton
Control	Out doors

Mud pump	
Type	On board
Volume	950 L/min
Maximum pressure	10 Mpa

Drill pipe	
Type	Φ 127*6000 mm

Thread	
Thread	NC50

Tools	
Back reamer	730, 820, 920, 1050, 1200, 1400 mm



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



DDW160/50

HORIZONTAL DIRECTIONAL DRILL

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

DW TXS



LONG-DISTANCE!

DDW 160/50

WORTH THE EFFORT!

DWTXS



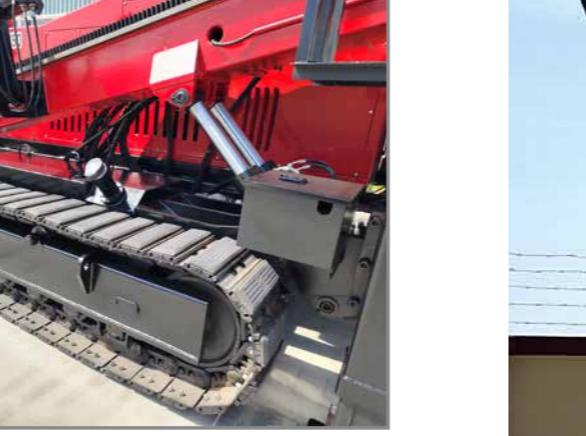
MUD PUMP

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 anywhere and, it is so powerful and durable 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

DDW-F60/05



UPSIZING!



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.

CONTROL PANEL

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

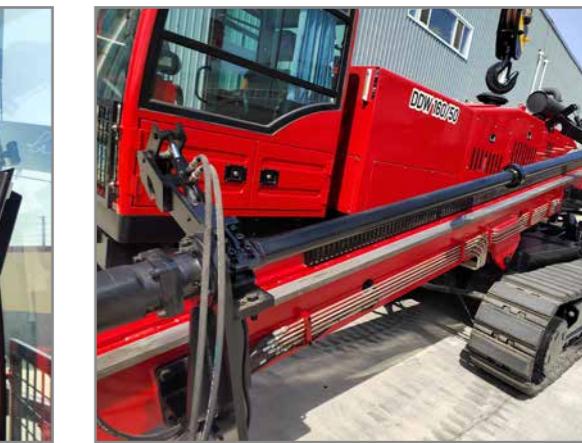


WRENCH SYSTEM

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



HIGH PERFORMANCE!

DW TXS