

SPECIFICATION OF DDW45/22

Dimensions

Length/Width/Height	7100*2280*2500 mm
Entry angle	14-21°
Machine weight	14 ton

Operator station

Cabin	Full closed, climate control with A/C
Rotation	0-90°
Control system	Electronic & hyd
Operation controls	Joystick 2

Engine

Make	Cummins
Rated power	179 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

Hydraulic system

Max pressure (rotary & carriage)	38 Mpa
Max pressure (control sys.)	23 Mpa
Hydraulic tank capacity	420 L

Under carriage

Structure	Box welded frame
Travel	Self-propelled on track crawler
Travel speed	0-3.2 km/h, forward & reverse
Track	Steel type with rubber pad
Track width	350 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	22000 N.M
Rotary speed	190 r/min
Transmission	Gear box

Carriage

Maximum thrust/pullback force	450KN
Max travel speed	50 m/min
Max travel distance	3.6 m

Wrench assembly

Type	Clamp jaw
Max breakout torque	45000 Nm
Thread greasing	Automatic

Stake down

Anchoring type	Hydraulic double anchoring
Hole nos	2

Pipe loader

Type	Automatic pipe feeding
Rod box capacity	30

Mud pump

Type	On board
Volume	600 L/min
Maximum pressure	10 Mpa

Drill pipe

Type	Φ 83*3000 mm
Thread	D80

Tools

Back reamer	330, 430, 530, 630, 730, 820, 920, 1050 mm
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※ 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



DDW45/22

HORIZONTAL DIRECTIONAL DRILL

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

DW*TXS*

FARCO

DDW 45/22

DW*TXS*

PULL FORCE: 45 TON
TORQUE: 22000 NM

HIGH PERFORMANCE!

DDW45/22

DWTKS

DIVERSITY & RELIABILITY!



ROTARY AND CARRIAGE

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

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.



ANCHORING SYSTEM

The rigid positioning of anchoring system also gives a increased stability while drilling with full force and make it minimal rod wear at all the connections.

OPERATOR STATION

The specially make operating station and closed cabin makes it so comfortable and convenient working at any job site.



SWIVELLING CABIN!
HIGH OPERATOR COMFORT
AND CONVENIENCE!

FLUID ASSISTED MACHINES!



DDW45/22

WORLD WIDE!



DWTXS



DRILL MAST

The beam is so tough and rigid it makes the drill work safe and let the unit stable while power is used at the high level even.

FLUID PUMP

Onboard, enclosed 600-L/min fluid pump for productive drilling at greater distances.

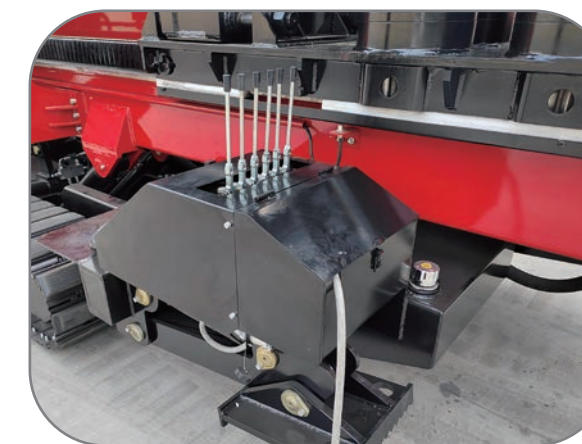


TRACK & CHASSIS

The crawler type chassis with more power for moving has always been the good choice at the tough and muddy area construction working site.

PIPE FEEDING

The automatic pipe loader system makes the unit works in a high efficient way and greatly improve the site project speed.



SELF-SUPPORTING!