

SPECIFICATION OF DDW48/22

Dimensions

Length/Width/Height	8800*2350*2600 mm
Entry angle	13-19°
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	194 KW
Rated speed	2200 rpm
Fuel tank capacity	540 L

Hydraulic system

Max pressure (rotary & carriage)	42 Mpa
Max pressure (control sys.)	30 Mpa
Hydraulic tank capacity	410 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	27000 N.M
Rotary speed	135 r/min
Transmission	Gear box

Carriage

Maximum thrust/pullback force	450KN
Max travel speed	46 m/min
Max travel distance	5.2 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	21

Mud pump

Type	On board
Volume	800 L/min
Maximum pressure	10 Mpa

Drill pipe

Type	Φ89*4500 mm
Thread	NC31

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

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DDW48/22

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HORIZONTAL DIRECTIONAL DRILL

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

DWTKS

NEW GENERATION!

CLAMPING

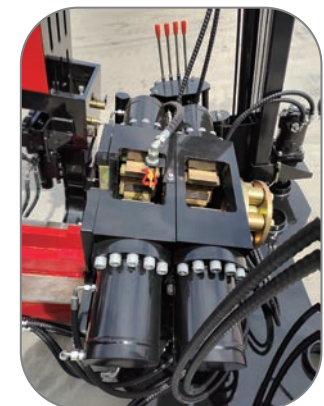
Wrench system facing towards the operator eyesight by the inclination of 10 degree so the movement of jaws can be seen easily.

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.

SETUP

Four-bar connection setup system makes the machine chassis still on the ground while drilling in the dramatic angles.



POWERFUL UNIT!



PULL FORCE: 45 TON TORQUE: 27000 NM

EXCELLENT WELDING, HIGH CLASS DESIGN!

HORIZONTAL
DIRECTIONAL DRILL **DWTXS**

OPERATING STATION

The operating elements are clearly arranged and all functions and drilling parameters can be controlled without a problem via interactive control.

SCREEN MONITOR

Drilling data packed all-in-one showing in the coloured screen so the operator can have a full idea of his work.

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.



NEW GENERATION!

DDW48/22



STURDY MAST SETTING FOR ANY DRILL JOB!