

SPECIFICATION OF DDW48/22

Dimensions

Length/Width/Height	8800*2330*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	179 KW
Rated speed	2200 rpm
Fuel tank capacity	220L

Hydraulic system

Max pressure (rotary & carriage)	42 Mpa
Max pressure (control sys.)	30 Mpa
Hydraulic tank capacity	410 L

Undercarriage

Structure	Box welded frame, self-propelled on track crawler
Travel	0-3.2 km/h, forward & reverse
Travel speed	Steel type with rubber pad
Track	350 mm
Track plate width	2
Rear stabilizer	

Mast

Fluid channel	Yes
Transmission type	Rack & pinion
Hose carrier	Full length of chain type
Setup mode	Double cylinder

Rotary drive

Rotary torque	20000 N.M
Rotary speed	180
Transmission	Gear box
Rotary shaft	D80

Carriage

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

Stake down

Anchoring type	Hydraulic double anchoring
Hole nos.	4

Wrench assembly

Type	Clamp jaw
Max breakout torque	45000 Nm
Max makeup force	406 KN

Pipe loader

Type	Automatic pipe feeding
Rod box capacity	30

Mud pump

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

Drill pipe

Type	Φ 73*4500 mm
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Tools

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

HORIZONTAL DIRECTIONAL DRILL

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

DWTKS

NEW GENERATION!

CLAMPING

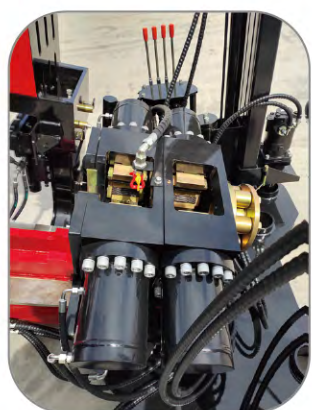
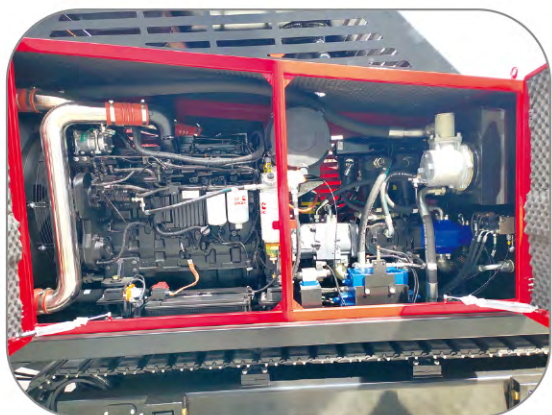
Wrench system facing towards the operator eyesight by the inclination of 10 degree so the movement of jaws can be seen easily.

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: 20 K NM

EXCELLENT WELDING, HIGH CLASS DESIGN!

HORIZONTAL
DIRECTIONAL DRILL **DWTXS**

OPERATING STATION

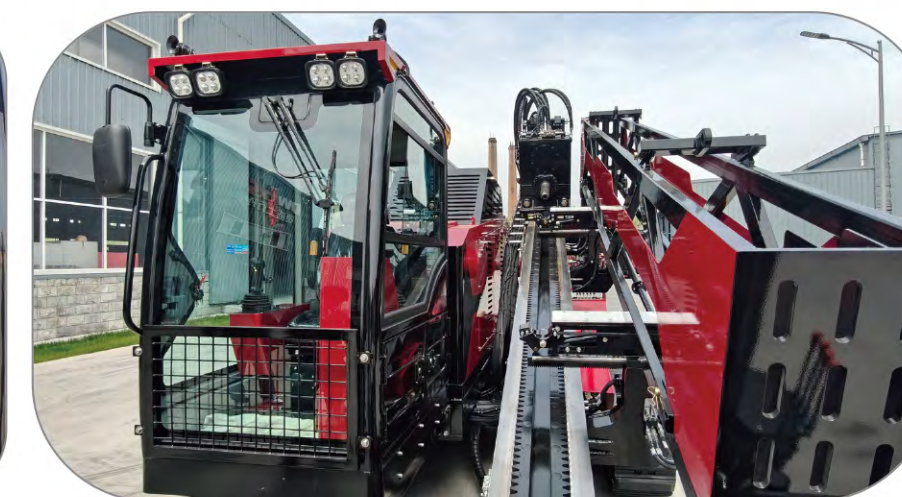
The operating elements are clearly arranged and all functions and drilling parameters can be controlled without a problem via interactive control.

SCREEN MONITOR

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

HYDRAULIC SYSTEM

Closed circuit hydraulic system with Rexroth and Proclain combination makes the machine more excellent performance in the comprehension drilling works.



NEW GENERATION!

DDW48/22



STURDY MAST SETTING FOR ANY DRILL JOB!