

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)	40 Mpa
Max pressure (control sys.)	23 Mpa
Hydraulic tank capacity	420 L

Undercarriage

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 plate width	350 mm
Rear stabilizer	2

Mast

Fluid channel	Yes
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
Transmission	Gear box
Rotary shaft	D80

Carriage

Maximum thrust/pullback force	450KN
Max travel speed	50 m/min
Max travel distance	3.6 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
Clamp range	89 -105 mm
Thread greasing	Automatic

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	Φ83*3000 mm
Thread	D80

Tools

Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050 mm
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※ Closed cabin with A/C, on board crane, hydraulic anchor system, automatic pipeloader etc, can be optional equipment available at customer's request ! ※

VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES



Special make drill pipe



Mud mixing unit



Fly Wing Backreamer



Expander Backreamer



Beacon housing and drill bit



Transmitter



Commander

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DDW45/22

HORIZONTAL DIRECTIONAL DRILL

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

Heavy-duty anchor system secures machine in difficult terrain so you can push/pull with full machine thrust.

Exceptionally efficient hydrostatic pumps control rotation and thrust design enhancements include a larger displacement pump and simplified two-speed hydraulic thrust circuit for increased reliability.

Big angle setting up with dual syslinders and sliding racks for a fast and reliable stand of beam for a rough work of unit.

Remote control box for a safety travelling of machine during the job site for a more degree of safe for the operator.



WRENCH SYSTEM

Heavy duty wiake up of pipe basket system enswres high reiehay of add and remove in the drilling process and give a high cped of progetc going



WRENCH SYSTEM

Open-top vise wrenches are designed to center the pipe better every time and provide an excellent view of the tool joint.



BIG OPEN DOORS

Big open size of the coverage for the engine and hyd system for a easy and clear check or maintance for the whole unit.



FLUID PUMP

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