

SPECIFICATION OF DDW13/05

Dimensions	
Length/Width/Height	4350*2180*2250 mm
Entry angle	15-22°
Machine weight	5 ton
Operator station	
Operation station	Sunshield canopy frame
Rotational console	0-45°
Control system	Electronic & hyd
Operation controls	Joystick 2
Engine	
Make	Cummins
Rated power	82 KW
Rated speed	2200 rpm
Fuel tank capacity	135 L
Hydraulic system	
Max pressure (rotary & carriage)	21 Mpa
Max pressure (control sys.)	16 Mpa
Hydraulic tank capacity	200 L

Under carriage	
Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-2.6 km/h, forward & reverse
Track	Rubber type
Track width	250 mm
Rear stabilizer	2
Drill mast	
Transmission type	Rack & pinion
Hose carrier	Full length of chain type
Setup mode	Single cylinder
Rotary drive	
Rotary torque	5000 N.M
Rotary speed	160 r/min
Transmission	Gear box
Carriage	
Maximum thrust/pullback force	130 KN
Max travel speed	48 m/min
Max travel distance	3.4 m

Wrench assembly	
Type	Clamp jaw
Max breakout torque	6000 Nm
Max makeup force	90 KN
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	240 L/min
Maximum pressure	8 Mpa
Drill pipe	
Type	Φ60*3000 mm
Thread	D24
Tools	
Back reamer Diameter	330, 430, 530, 630, 730, 820 mm

※ 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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DDW13/05

HORIZONTAL DIRECTIONAL DRILL

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

DW/TXS



TRENCHLESS TECHNOLOGIES!

HDD MACHINES!

Dual hydraulic anchoring system makes it so easy and fast of positioning the unit at the ideal location you want for a stable of drilling work to avoid movement of rig.

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

The highly efficient engine technology operates economically, with low noise and emission levels make it the ideal power pack for construction equipment on site.

Proven ground drive controller allows you to maneuver the drilling unit to a position that provides better visibility, easier loading/unloading and easier positioning.

DDW 3/05

DWTXS



OPERATION

L & R joystick operation gathers all the drill functions, make the control of unit as a easy job and lower of the pressure of daily work on site.



PIPE LOADER

The pipe auto loading system makes it even wear of drill rods in the work process due to the organized approach towards the compartments to prolong the rods service time.



SERVICE

Broad opening of the engine and hydraulic system for a most easy service and check up during the operation of any tough jobs by the operator.



**RIGHT ANSWER FOR HDD JOB!****FLUID PUMP**

Onboard mud pump is so helpful by supplying the important fluid to the drill bit and down hole formation and cooling down the whole system temperature so the service life has been prolonged.

ROTARY & CARRIAGE

All power transmitted by gear in the drive gear box makes the power has no lose and keeps the efficiency and rapidness of the drilling system.

REMOTE CONTROL

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

DRILL MAST

Heavy-duty rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

