

# SPECIFICATION OF DDW10/04

## Dimensions

Length/Width/Height	5600*1700*2400 mm
Entry angle	15°
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	64.1 KW
Rated speed	2500 rpm
Fuel tank capacity	172 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	0-3.4 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	4000 N.M
Rotary speed	180 r/min
Transmission	Gear box

## Carriage

Maximum thrust/pullback force	100 KN
Max travel speed	36 m/min
Max travel distance	3.55 m

## Wrench assembly

Type	Clamp jaw
Max breakout torque	6000 Nm
Thread greasing	Automatic

## Stake down

Anchoring type	Hydraulic double anchoring
Hole nos	2

## Pipe loader

Type	Automatic pipe feeding
Rod box capacity	44

## Mud pump

Type	On board
Volume	115 L/min
Maximum pressure	6 Mpa

## Drill pipe

Type	φ50*3000 mm
Thread	D16

## Tools

Back reamer Diameter	330, 430, 530, 630, 730 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

# DW/TXS



## DDW10/04

### HORIZONTAL DIRECTIONAL DRILL

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

**PULL FORCE: 10 TON  
TORQUE: 4000 NM**

**DWTS**



**MUD PUMP**

Onboard mud pump 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**

The drill-head unit slide with rack and pinion, with optimal adjustment of torque and rotation speed for enhanced power transmission makes the job smooth and easier.



**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.



**OPERATION**

All functions are arranged into the smart joystick and so easy for the operator to control with all the data clearly show in front of seat by the instruments.



**SMART MACHINE!**