

## SPECIFICATION OF DDW16/07T

### Dimensions

Length/Width/Height	6400*2200*2420 mm
Entry angle	14-19°
Machine weight	7.5 ton

### Operator station

Cabin	Full closed, climate control with A/C
Rotation	0-90°
Control system	Electronic self-diagnostic PLC
Visualization	10 inch touch screen monitor
Operation controls	Electronic & hyd joystick 2

### Engine

Make	Cummins
Rated power	115 KW
Rated speed	2200 rpm
Fuel tank capacity	160 L

### Hydraulic system

Max pressure (rotary)	40 Mpa
Max pressure (carriage & control)	22 Mpa
Hydraulic tank capacity	400 L

### Undercarriage

Structure	Box welded frame, self-propelled on track crawler
Travel	0-3.6 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	320 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	7000/5300/3500 N.M
Rotary speed	95/125/188 r/min
Transmission	Gear box
Rotary shaft	D24

### Carriage

Maximum thrust/pullback force	140 KN
Max travel speed	54 m/min
Max travel distance	3.45 m

### Stake down

Anchoring type	Hydraulic double anchoring
Hole nos.	2

### Wrench assembly

Type	Clamp jaw
Max breakout torque	15000 Nm

### Pipe loader

Type	Automatic pipe feeding
Rod box capacity	48

### Mud pump

Type	On board
Volume	300 L/min
Maximum pressure	8 Mpa
Gear shift	Automatic

### Drill pipe

Type	Φ 60*3000 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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# DW/TXS



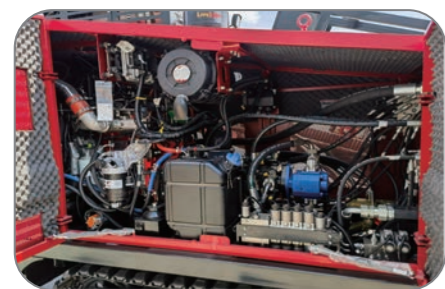
# DDW16/07T

## HORIZONTAL DIRECTIONAL DRILL

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

SMART MACHINE!

# DWTXS HORIZONTAL DIRECTIONAL DRILL



## 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.

## VISUALIZATION

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



## OPERATION

Proportional electronic control for both rotary and thrust lead to a more easy classless adjust for the two system during the tough ground drilling work.

Remote and Station dual system rig setup plus clear control joystick makes the man can finish all control for the drill on the seat without running around the machine.



**PULL FORCE: 14 TON**  
**TORQUE: 7 K NM**

DDW16/07T

# DWTKS

# HORIZONTAL DIRECTIONAL DRILL!

# NEW GENERATION!



## DRILL HEAD

Closed circuit hydraulic system for rotation and thrust, with dual motor rotation for a stable and safe drill work.

## AUTOMATIC DRILL

Auto-drill, Curving, classless adjustment for all the process during his drill, fine and ease, get rid of the tedious and tire of the operator.



## SETUP AND RUN

Proportional hyd control gives the machine travel and setup all with a smooth and fine movement make the machine more safe during loading and unloading from truck while transporation.

## UNDERCARRIAGE

Rubber track installation make it easy to travel on any road or city area with no damage or destroy.



# DDW16/07T



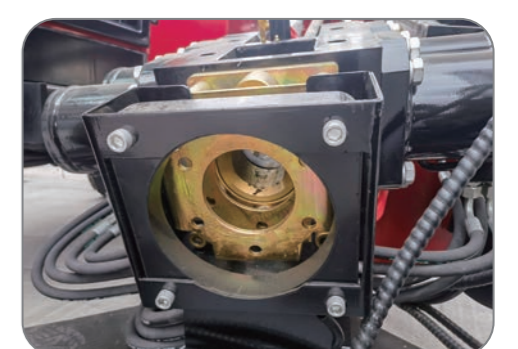
**OPTIMAL NOISE ONTROL!**



**ELECTRIC SAFETY**  
Seat switch and Strike alert system, auto speed and stop of carriage travelling makes it a total safe smart work unit.



**PIPE FEEDING**  
The automatic pipe loader system makes the unit works in a high efficient way and greatly improve the site project speed.



**DUAL MOTOR**  
The branded Proclain rotation motor of low speed rotates with great torque transmmision allows the low temperature of the system and ensures long service life for all the parts in the fluid system.



**AUTO PUMP**  
Automatic pump of gear shifting covered by hood works in a smart way for a economical and environmental drill.

**HDD TECHNOLOGY!**