

# SPECIFICATION OF DDW55/27

## Dimensions/ Weight

Length/Width/Height	8500*2380*2500 mm
Entry angle	15-17°
Machine weight	16 ton

## Operator station

Cabin	Closed cabin with A/C
Rotation	0-90°
Control system	Electronic & hyd
Operation controls	Joystick 2

## Engine

Make	Cummins
Rated power	194 KW
Rated speed	2200 rpm
Fuel tank capacity	246 L

## Hydraulic system

Max pressure (rotary & carriage)	35 Mpa
Max pressure (control sys.)	21 Mpa
Hydraulic tank capacity	650 L

## Stake down

Anchoring type	Manual anchoring
Hole nos.	3

## Under carriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-2.5 km/h, forward & reverse
Track	Steel type
Track plate width	400 mm
Rear stabilizer	2

## Drill mast

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

## Rotary drive

Rotary torque	27000 N.M
Rotary speed	136 r/min
Transmission	Gear box

## Carriage

Maximum thrust/pullback force	550 KN
Max travel speed	57 m/min
Max travel distance	4.8 m

## Wrench assembly

Type	Clamp jaw
Max breakout torque	71000 Nm
Max makeup force	430 KN
Thread greasing	Automatic

## Pipe loader

Type	One rod type pipe loader
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## Crane

Lifting capacity	2 ton
Control	Out doors

## Mud pump

Type	On board
Volume	760 L/min
Maximum pressure	10 Mpa

## Drill pipe

Type	Φ 89*4500 mm
Thread	NC31

## Tools

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

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DW/TXS



DDW55/27

HORIZONTAL DIRECTIONAL DRILL

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



**DW/TXS**



**WORLD WIDE!**

**DDW55/27**





DIVERSITY & RELIABILITY!



## ROTARY AND 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.



## 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.



## DRILL MAST

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



## ANCHORING SYSTEM

Heavy-duty stake down system allows you to push or pull with full machine thrust and remain secure in virtually any drilling condition.

SWIVELLING CABIN!  
HIGH OPERATOR COMFORT  
AND CONVENIENCE!



**PULL FORCE: 55 TON**  
**TORQUE: 27000 NM**



# DW55/27

## MASTER OF DRILL RIGS!



**DWTS**



### WRENCH SYSTEM

Open-top vise wrenches are angled toward the operator, excellent view of the tool joint when making up and breaking out pipe.

### FLUID PUMP

The onboard mud pump can be adjustable for the specified requirement of bentonite fluid during your different condition of drilling work to make your project economic and safe.



### POWER STATION

Cooling system and maintenance access is easily arranged with the unit makes it long time service and little idle down time for repair.

### PIPE LOADER

One rod pipe loader for a easy and fast adding and change of rods on the job site make the work more continuously.



# SELF-SUPPORTING!