

# SPECIFICATION OF DDW36/15SE

## Dimensions

|                     |                   |
|---------------------|-------------------|
| Length/Width/Height | 7000*2300*2600 mm |
| Entry angle         | 12-22°            |
| Machine weight      | 12ton             |

## 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        | 153 KW   |
| Rated speed        | 2200 rpm |
| Fuel tank capacity | 230L     |

## Hydraulic system

|                                  |        |
|----------------------------------|--------|
| Max pressure (rotary & carriage) | 38 Mpa |
| Max pressure (control sys.)      | 23 Mpa |
| Hydraulic tank capacity          | 400 L  |

※ Specifications for reference only subject to change prior to notice.※

## Undercarriage

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Structure         | Box welded frame, self-propelled on track crawler |
| Travel            | 0-3.0 km/h, forward & reverse                     |
| Travel speed      | Steel type with rubber pad                        |
| Track             | 350 mm                                            |
| Track plate width | 2                                                 |
| Rear stabilizer   |                                                   |

## Mast

|                   |                           |
|-------------------|---------------------------|
| Fluid channel     | Yes                       |
| Transmission type | Rack & pinion             |
| Hose carrier      | Full length of chain type |
| Setup mode        | Double cylinder           |

## Rotary drive

|               |           |
|---------------|-----------|
| Rotary torque | 13000 N.M |
| Rotary speed  | 194       |
| Transmission  | Gear box  |
| Rotary shaft  | NC26      |

## Carriage

|                               |          |
|-------------------------------|----------|
| Maximum thrust/pullback force | 350 KN   |
| Max travel speed              | 40 m/min |
| Max travel distance           | 3.5 m    |

## Stake down

|                |                            |
|----------------|----------------------------|
| Anchoring type | Hydraulic double anchoring |
| Hole nos.      | 4                          |

## Wrench assembly

|                     |           |
|---------------------|-----------|
| Type                | Clamp jaw |
| Max breakout torque | 60000 Nm  |
| Max makeup force    | 250 KN    |

## Pipe loader

|                  |                        |
|------------------|------------------------|
| Type             | Automatic pipe feeding |
| Rod box capacity | 40                     |

## Mud pump

|                  |           |
|------------------|-----------|
| Type             | On board  |
| Volume           | 600 L/min |
| Maximum pressure | 8 Mpa     |
| Gear shift       | Automatic |

## Drill pipe

|      |              |
|------|--------------|
| Type | Φ 76*3000 mm |
|------|--------------|

## Tools

|                      |                                           |
|----------------------|-------------------------------------------|
| Back reamer Diameter | 330, 430, 530, 630, 730, 820, 920, 1050mm |
|----------------------|-------------------------------------------|



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**



**DDW36/15SE**

HORIZONTAL DIRECTIONAL DRILL

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



## HDD MACHINES!

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

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

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

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

## DWTXS TECHNOLOGY!

# DDW36/15SE

# DWTXS



## ENGINE

Diesel engine power pack provide long lasting and consistent power for carriage and rotation at any difficult drill 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.



## DRILL HEAD

The most powerful rotation and thrust system gives the machine fast drill without any stop at the front of hard ground challenge.



# POWERFUL UNIT!



## PULL FORCE: 36 TON TORQUE: 13 K NM



**RIGHT ANSWER FOR HDD JOB!**

**DWTXS**

## OPERATION AND INDICATIONS

All functional keys and buttons gathered in front of the head of operator give a fast and clear control for the whole machine adjustment.



## REMOTE CONTROL

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



## OPERATOR CABIN

Fully enclosed cab offers premium operator comfort and complete climate control.

## FLUID PUMP

Drilling fluid pump of gear shifting covered by hood works in a smart way for a economical and environmental drill.

**NEW GENERATION!**