

# SPECIFICATION OF DDW22/08

| Dimensions                       |                       |
|----------------------------------|-----------------------|
| Length/Width/Height              | 6200*2150*2350 mm     |
| Entry angle                      | 13-19°                |
| Machine weight                   | 6.9 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                      | 110 KW                |
| Rated speed                      | 2300 rpm              |
| Fuel tank capacity               | 155 L                 |
| Hydraulic system                 |                       |
| Max pressure (rotary & carriage) | 23 Mpa                |
| Max pressure (control sys.)      | 20 Mpa                |
| Hydraulic tank capacity          | 500 L                 |

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

## Under carriage

|                 |   |
|-----------------|---|
| Structure       | Box welded frame, self-propelled on track crawler |
| Travel          |   |
| Travel speed    | 0-2.0 km/h, forward & reverse                     |
| Track           | Steel type with rubber pad                        |
| Track width     | 320 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 | 7000 N.M |
| Rotary speed  | 130 /min |
| Transmission  | Gear box |

## Carriage

|                               |          |
|-------------------------------|----------|
| Maximum thrust/pullback force | 200 KN   |
| Max travel speed              | 24 m/min |
| Max travel distance           | 3.45 m   |

## Wrench assembly

|                     |           |
|---------------------|-----------|
| Type                | Clamp jaw |
| Max breakout torque | 15000 Nm  |
| Max makeup force    | 150 KN    |
| Thread greasing     | Automatic |

## Stake down

|                |                            |
|----------------|----------------------------|
| Anchoring type | Hydraulic double anchoring |
| Hole nos.      | 2                          |

## Pipe loader

|                  |                        |
|------------------|------------------------|
| Type             | Automatic pipe feeding |
| Rod box capacity | 48                     |

## Mud pump

|                  |           |
|------------------|-----------|
| Type             | On board  |
| Volume           | 250 L/min |
| Maximum pressure | 9 Mpa     |

## Drill pipe

|        |              |
|--------|--------------|
| Type   | Φ 60*3000 mm |
| Thread | D24          |

## Tools

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



**DW TXS**

**DDW22/08**

**HORIZONTAL DIRECTIONAL DRILL**

DW/TXS CONSTRUCTION EQUIPMENT(BEIJING)CO.,LTD.

## 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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**WORTH THE EFFORT!**

#### **ROTARY & CARRIAGE**

Driveslide with rack and pinion, step-less adjustment of torque and revolution speed for optimal power transmission.

#### **MUD 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.

#### **WRENCH SYSTEM**

Open-type wrenches are angled toward the operator. Excellent view of the tool joint when making up and breaking out pipe.

#### **OPERATING STATION**

The operating elements are clearly arranged and all functions and drilling parameters can be controlled without a problem via interactive control.