


# SPECIFICATION OF DDW10/04


|                                  |                        |                               |                                 |                      |                            |
|----------------------------------|------------------------|-------------------------------|---------------------------------|----------------------|----------------------------|
| Dimensions                       |                        | Under carriage                |                                 | Wrench assembly      |                            |
| Length/Width/Height              | 5600*1700*2400 mm      | Structure                     | Box welded frame,               | Type                 | Clamp jaw                  |
| Entry angle                      | 15°                    | Travel                        | Self-propelled on track crawler | Max breakout torque  | 6000 Nm                    |
| Machine weight                   | 5 ton                  | Travel speed                  | 0-3.4 km/h, forward & reverse   | Max makeup force     | 90 KN                      |
| Operator station                 |                        | Track                         | Rubber type                     | Thread greasing      | Automatic                  |
| Operation station                | Sunshield canopy frame | Track width                   | 250 mm                          | Stake down           |                            |
| Rotational console               | 0-45°                  | Rear stabilizer               | 2                               | Anchoring type       | Hydraulic double anchoring |
| Control system                   | Electronic & hyd       | Drill mast                    |                                 | Hole nos.            | 2                          |
| Operation controls               | Joystick 2             | Transmission type             | Rack & pinion                   | Pipe loader          |                            |
| Engine                           |                        | Hose carrier                  | Full length of chain type       | Type                 | Automatic pipe feeding     |
| Make                             | Cummins                | Setup mode                    | Single cylinder                 | Rod box capacity     | 44                         |
| Rated power                      | 64.1 KW                | Rotary drive                  |                                 | Mud pump             |                            |
| Rated speed                      | 2500 rpm               | Rotary torque                 | 4000 N.M                        | Type                 | On board                   |
| Fuel tank capacity               | 172 L                  | Rotary speed                  | 180 r/min                       | Volume               | 115 L/min                  |
| Hydraulic system                 |                        | Transmission                  | Gear box                        | Maximum pressure     | 6 Mpa                      |
| Max pressure (rotary & carriage) | 21 Mpa                 | Carriage                      |                                 | Drill pipe           |                            |
| Max pressure (control sys.)      | 16 Mpa                 | Maximum thrust/pullback force | 100 KN                          | Type                 | Φ50*3000 mm                |
| Hydraulic tank capacity          | 200 L                  | Max travel speed              | 36 m/min                        | Thread               | D16                        |
|                                  |                        | Max travel distance           | 3.55 m                          | Tools                |                            |
|                                  |                        |                               |                                 | Back reamer Diameter | 330, 430, 530, 630, 730 mm |

※ 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



**DDW10/04**  
HORIZONTAL DIRECTIONAL DRILL  
DW/TXS CONSTRUCTION EQUIPMENT (BEI JING) CO.,LTD.



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



### 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!**