

# SPECIFICATION OF DDW13/05

## Dimensions

Length/Width/Height	4350*2180*2250 mm
Entry angle	15-22°
Machine weight	5 ton

## Operator station

Operation station	Sunshield canopy frame
Rotational console	0-45°
Control system	Electronic & hyd
Operation controls	Joystick 2

## Engine

Make	Cummins
Rated power	82 KW
Rated speed	2200 rpm
Fuel tank capacity	135 L

## Hydraulic system

Max pressure (rotary & carriage)	21 Mpa
Max pressure (control sys.)	16 Mpa
Hydraulic tank capacity	200 L

## Under carriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-2.6 km/h, forward & reverse
Track	Rubber type
Track width	250 mm
Rear stabilizer	2

## Drill mast

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

## Rotary drive

Rotary torque	5000 N.M
Rotary speed	160 r/min
Transmission	Gear box

## Carriage

Maximum thrust/pullback force	130 KN
Max travel speed	48 m/min
Max travel distance	3.4 m

## Wrench assembly

Type	Clamp jaw
Max breakout torque	6000 Nm
Max makeup force	90 KN
Thread greasing	Automatic

## Stake down

Anchoring type	Hydraulic double anchoring
Hole nos.	2

## Pipe loader

Type	Automatic pipe feeding
Rod box capacity	30

## Mud pump

Type	On board
Volume	240 L/min
Maximum pressure	8 Mpa

## Drill pipe

Type	Φ60*3000 mm
Thread	D24

## Tools

Back reamer Diameter	330, 430, 530, 630, 730, 820 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**

**DDW13/05**

HORIZONTAL DIRECTIONAL DRILL

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





# TRENCHLESS TECHNOLOGIES!

## HDD MACHINES!

Dual hydraulic anchoring system makes it so easy and fast of positioning the unit at the ideal location you want for a stable of drilling work to avoid movement of rig.

The crawler type chassis with more power for moving has always been the good choice at the tough and muddy area construction working site.

The highly efficient engine technology operates economically, with low noise and emission levels make it the ideal power pack for construction equipment on site.

Proven ground drive controller allows you to maneuver the drilling unit to a position that provides better visibility, easier loading/unloading and easier positioning.

# DDW13/05



# DWTKS



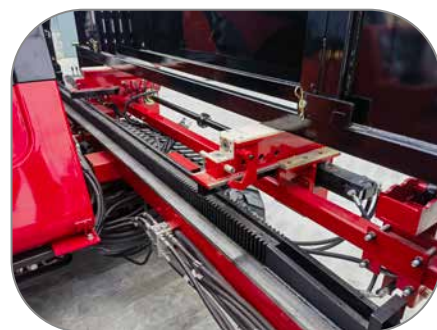
## OPERATION

L & R joystick operation gathers all the drill functions, make the control of unit as a easy job and lower of the pressure of daily work on site.



## PIPE LOADER

The pipe auto loading system makes it even wear of drill rods in the work process due to the organized approach towards the compartments to prolong the rods service time.

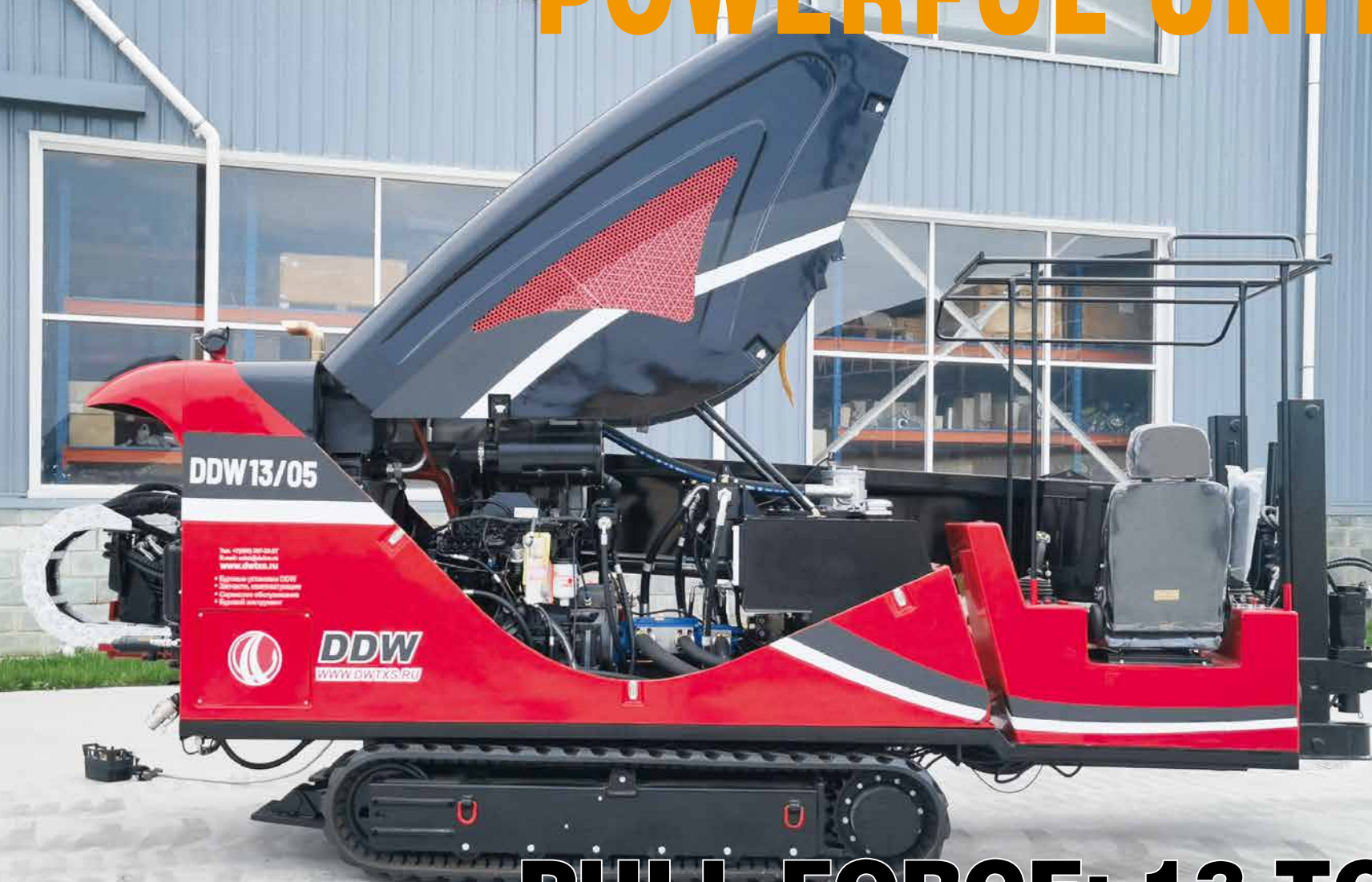


## SERVICE

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.



# POWERFUL UNIT!



## PULL FORCE: 13 TON TORQUE: 5000 NM





**RIGHT ANSWER FOR HDD JOB!**

**DW/TXS**



**FLUID 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.

**ROTARY & 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.

**REMOTE CONTROL**

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

**DRILL MAST**

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



**NEW GENERATION!**