

SPECIFICATION OF DDW55/27

Dimensions/ Weight		Under carriage		Wrench assembly	
Length/Width/Height	9550*2560*2700 mm	Structure	Box welded frame,	Type	Clamp jaw
Entry angle	15.5°	Travel	Self-propelled on track crawler	Max breakout torque	75000 Nm
Machine weight	17.5 ton	Travel speed	0–2.5 km/h, forward & reverse	Thread greasing	Automatic
Operator station					
Cabin	Closed cabin with A/C				
Rotation	0–90°				
Control system	Electronic & hyd				
Operation controls	Joystick 2				
Engine		Drill mast		Pipe loader	
Make	Cummins	Transmission type	Rack & pinion	Type	Automatic pipe loader
Rated power	194 KW	Hose carrier	Full length of chain type	Pipe box capacity	24
Rated speed	2200 rpm	Setup mode	Double cylinder	Mud pump	
Fuel tank capacity	220 L	Rotary drive		Type	On board
Hydraulic system		Rotary torque	27000 N.M	Volume	800 L/min
Max pressure (rotary & carriage)	35 Mpa	Rotary speed	136 r/min	Maximum pressure	8 Mpa
Max pressure (control sys.)	21 Mpa	Transmission	Gear box	Drill pipe	
Hydraulic tank capacity	500 L	Carriage		Type	Φ 102*4500 mm
Stake down		Maximum thrust/pullback force	550 KN	Thread	NC38
Anchoring type	Hydraulic dual anchoring	Max travel speed	52 m/min	Tools	
Hole nos.	2	Max travel distance	5.8 m	Back reamer	330, 430, 530, 630, 730, 820, 920, 1050 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

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DDW55/27
HORIZONTAL DIRECTIONAL DRILL
DW/TXS CONSTRUCTION EQUIPMENT (BEI JING) CO.,LTD.

DW*TXS*



WORLD WIDE!

DDW 55/27



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

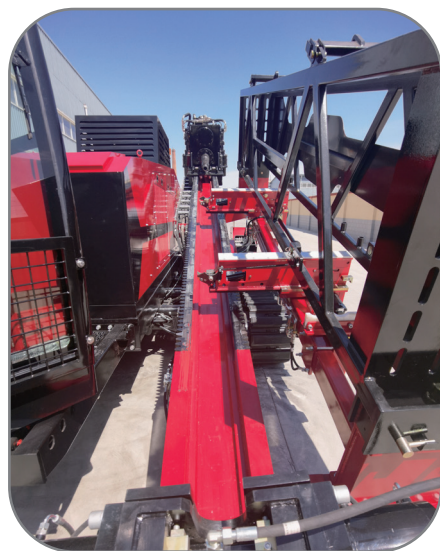
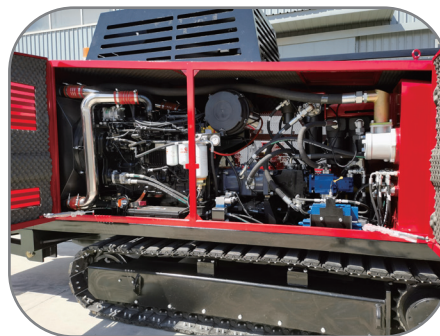
Cummins engine has always been site proven to be a good choice for the tough jobs of the drilling machine by the big power and maintenance free.

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!



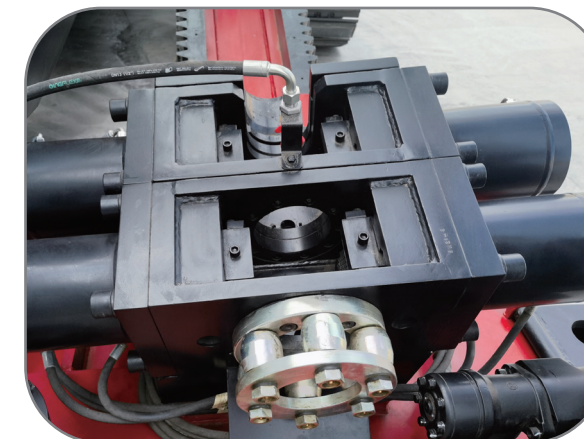
PULL FORCE: 55 TON
TORQUE: 27000 NM

DDW55/27

MASTER OF DRILL RIGS!



DWTXS



WRENCH SYSTEM

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



PIPE LOADER

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



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.



SELF-SUPPORTING!