

SPECIFICATION OF DDW55/27

Dimensions		Structure	Box welded frame, self-propelled on track crawler
Length/Width/Height	8500*2380*2500 mm	Travel	0-2.5 km/h, forward & reverse
Entry angle	15-17°	Track	Steel type with rubber pad
Machine weight	16 ton	Track plate width	400 mm
Operator station		Rear stabilizer	2
Cabin	Full closed, climate control with A/C	Mast	
Rotation	0-90°	Fluid channel	Yes
Control system	Electronic hyd	Transmission type	Rack & pinion
Operation controls	Joystick 2	Hose carrier	Full length of chain type
Engine		Setup mode	Double cylinder
Make	Cummins	Rotary drive	
Rated power	194 KW	Rotary torque	27000 N.M
Rated speed	2200 rpm	Rotary speed	136
Fuel tank capacity	246 L	Transmission	Gear box
Hydraulic system		Rotary shaft	NC31
Max pressure (rotary & carriage)	35 Mpa	Carriage	
Max pressure (control sys.)	21 Mpa	Maximum thrust/pullback force	550 KN
Hydraulic tank capacity	650 L	Max travel speed	57 m/min
Undercarriage		Max travel distance	4.8 m
		Stake down	
		Anchoring type	Manual anchoring
		Hole nos.	3
		Wrench assembly	
		Type	Clamp jaw
		Max breakout torque	71000 Nm
		Max makeup force	430 KN
		Pipe loader	
		Type	One rod type pipe loader
		Crane	
		Lifting capacity	2 ton
		Control	Out doors
		Mud pump	
		Type	On board
		Volume	760 L/min
		Maximum pressure	10 Mpa
		Drill pipe	
		Type	Φ89*4500 mm
		Thread	NC31
		Tools	
		Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050mm

※ 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

DDW55/27

HORIZONTAL DIRECTIONAL DRILL

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



The crane on board facilitates simple handling of the semi-automatic rod changing system.

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

Renowned Proclain rotary motor for a high torque performance and big impact absorption.

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

Broad undercarriage with rubberised steel tracks-extremely mobile and self supporting, especially for the sensitive road in the municipal area.

Heavy-duty stakedown system allows you to push or pull with full machine thrust and remain secure in virtually any drilling condition.



DUAL STICK 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.



ROTARY & CARRIAGE

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



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.



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.