

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
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
Undercarriage	

Structure	Box welded frame, Self-propelled on track crawler
Travel	
Travel speed	0-2.6 km/h, forward & reverse
Track	Rubber type
Track plate width	250 mm
Rear stabilizer	2
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
Transmission	Gear box
Rotary shaft	D24
Carriage	
Maximum thrust/pullback force	130 KN
Max travel speed	48 m/min
Max travel distance	3.4 m
Stake down	
Anchoring type	Hydraulic double anchoring
Hole nos.	2

Wrench assembly	
Type	Clamp jaw
Max breakout torque	6000 Nm
Max makeup force	90 KN
Clamp range	84 mm
Thread greasing	Automatic
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, 920, 1050 mm

※ Closed cabin with A/C,on board crane, hydraulic anchor system, automatic pipeloader etc, can be optional equipment available at customer's request! ※

VARIETY OF USEFUL DOWN HOLE EQUIPMENT SUPPLIES



Special make drill pipe



Mud mixing unit



Rock Backreamer



Tricone bit



Beacon housing



Transmitter



Commander

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

No.6, Huoxing Fifth Street, Huo Conty 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



DDW13/05
HORIZONTAL DIRECTIONAL DRILL

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



Heavy duty wiake up of pipe basket system enswres high reiehay of add and remove in the drilling process and give a high speed of progetc going

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

Sturdy drill mast made of high grade steel, heavy-duty double rack-and-pinion thrust drive is field-proven to push/pull through long, tough bores.

Dual independent rear stabilizers are easy to set up and enhance stability on uneven or rough terrain.



OPERATING STATION

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



STUDY MAST

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



ROTARY & CARRIAGE

Exceptionally efficient hydrostatic pumps control rotation and thrust design enhancements include a larger displacement pump and simplified two-speed hydraulic thrust circuit for increased reliability.



FLUID PUMP

Onboard, enclosed 240-L/min fluid pump for productive drilling at greater distances