

SPECIFICATION OF DDW240/70

Dimensions

Length/Width/Height	12700*2500*3250 mm
Entry angle	13-15°
Machine weight	35 ton

Operator station

Cabin	Full closed, climate control with A/C
Control system	Electronic & Hyd panels
Operation controls	Operating handle

Engine

Make	Cummins
Rated power	410 KW
Rated speed	1900 rpm
Fuel tank capacity	500 L

Hydraulic system

Max pressure (rotary & carriage)	40 Mpa
Max pressure (control sys.)	35 Mpa
Hydraulic tank capacity	880 L

Undercarriage

Structure	Box welded frame,
Travel	Self-propelled on track crawler
Travel speed	0-1.5 km/h, forward & reverse
Track	Steel type with rubber pad
Track plate width	500 mm
Rear stabilizer	Vertical*2

Mast

Fluid channel	Yes
Transmission type	Rack & pinion
Rod support	Yes
Hose carrier	Full length of chain type
Setup mode	Cylinder type

Rotary drive

Rotary torque	70000 N.M
Rotary speed	90
Transmission	Gear box
Rotary shaft	NC50

Carriage

Maximum thrust/pullback force	2400KN
Max travel speed	48 m/min
Max travel distance	6.7 m

Stake down

Anchoring type	Manual
Hole nos.	4

Wrench assembly

Type	Clamp jaw/Triple jaw
Sliding on the mast	Yes
Max breakout torque	170000 Nm
Max makeup force	880 KN
Clamp range	30 -180 mm

Pipe loader

Type	One arm type
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Safety device

Carriage backward limit	Yes
Pipe box safety	Yes

Lighting

Lights	Cabin, Wrench, Rotary
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Crane

Lifting capacity	3.2 TON
Control	OUT DOORS

Drill pipe

Typ	Φ127*6000mm
Thread	NC50

Pilot drill bit

Beacon housing	Suitable for wireless/wireline transmitter
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Tools

Back reamer Diameter	330, 430, 530, 630, 730, 820, 920, 1050 mm
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※ 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



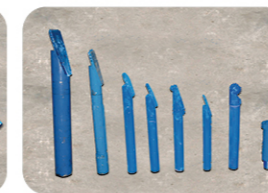
Mud mixing unit



Fly Wing Backreamer



Expander Backreamer



Beacon housing and drill bit



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.com Email: sherryli@dwtxs.com



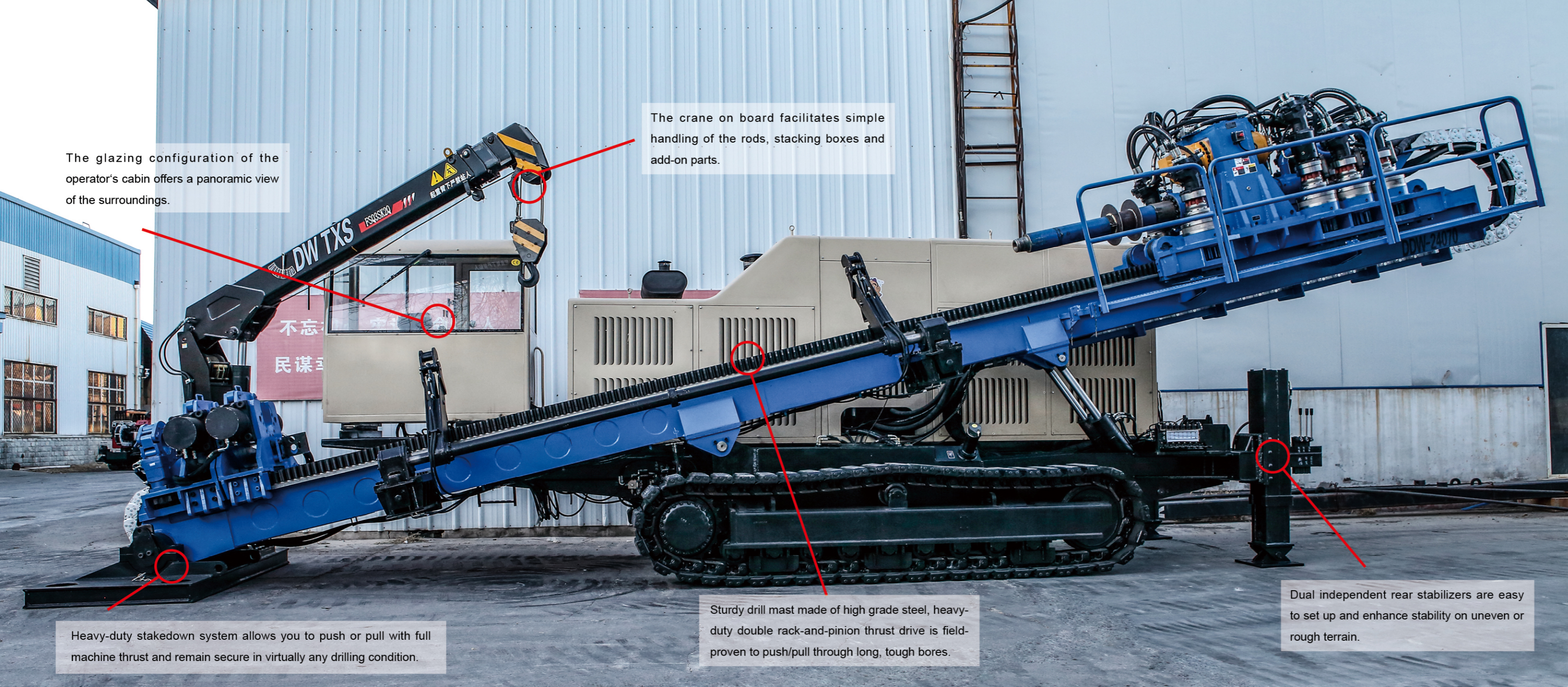
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DDW240/70

HORIZONTAL DIRECTIONAL DRILL

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



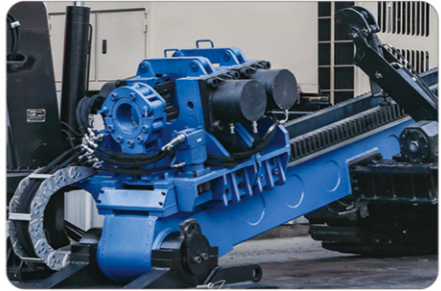
The glazing configuration of the operator's cabin offers a panoramic view of the surroundings.

The crane on board facilitates simple handling of the rods, stacking boxes and add-on parts.

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.

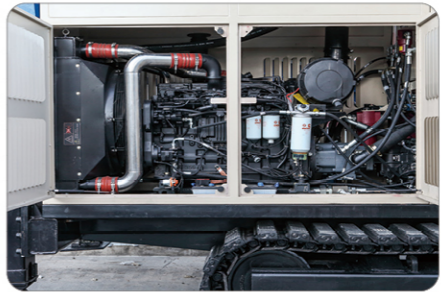
Dual independent rear stabilizers are easy to set up and enhance stability on uneven or rough terrain.

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



WRENCH SYSTEM

Open-top vise wrenches are designed to center the pipe better every time and provide an excellent view of the tool joint.



POWER STATION

Engine efficiently delivers tremendous power to all drilling functions so you can get the job done faster.



OPERATING STATION

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



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.