

XZ Series



Horizontal Directional Drill

Performance characteristic of small Horizontal Directional Drills

- Clamp and carriage use double floating patented technology can greatly protect the drill pipe thread, increase the service life of the drill pipe.
- High speed sliding systems, variable motor to achieve high and low carriage sliding change, increasing the ability to adapt the drilling rig working conditions, improve the efficiency of the drilling rig construction.
- Support the diverse needs of customers, the machine can option configuration with the automatic (semi-automatic) drill pipe handling device, automatic anchoring system, cab, air conditioning wind, cold start, freezing mud, mud washing, mud throttling and other devices, can also be optioned more Eco saving Cummins with EU Stage IIIA

Performance Characteristic of large Horizontal Directional Drills

- Numerical meter display the working torque, push or pull force and so on parametric in working conditions. Electronic sensor has rapid reaction and can show overload immediately. It also endures accuracy and delay of the traditional hydraulic meter's indication. it solve the matter to depend the operator to calculate the torque and force by the equipment's switch directive.
- Drill frame slide by the cylinder. Combine with link weldment. It is easy safe and simple to adjust the entry angle of the equipment.
- Dual-engines are used. The HDD has all the motion on the condition of any engine starting. Multi-condition technology of adjusting the travel speed combining with the multi-speed control of rotation and push or pull make HDD be suitable to the complex geology. You can use one engine in the condition of small pipe diameter in order to reduce the project cost.
- Hydraulic pilot control, load sensing control help to save energy and operate flexibly. The main part of hydraulic and electric and transmission are made of world first-class brand products, good performance, good reliability



XZ40E | XZ320E
XZ680A | XZ6600

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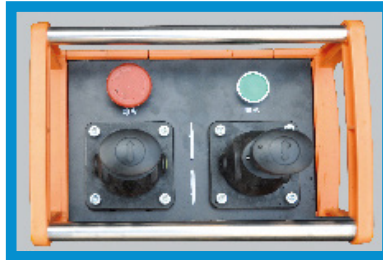
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Main Specification

Type		XZ40E	XZ320E	XZ680A	XZ6600
Engine	Type	CUMMINS QSB3.3-C80	CUMMINS 6BTA4.9-C205	CUMMINS 6LTA4.9-C325	VOLVO TAD1643VE
	Rated Power (kW/r/min)	60/2200	153/2200	239/2200	2X565/1850
Thrust - Pull	Max Thrust - pull force (kN)	40	345	725	6600
	Max Thrust - pull speed (m/min)	36	25	32	28
Rotation	Torque (N*m)	2200	12600	31000	160000
	Max spindle speed (r/min)	230	140	110	90
Mud Pump	Max flow rate (L/min)	80	320	600	External connection
	Max pressure (Mpa)	8	8	10	20
Pipe	Diameter x length x (mmxm)	Ø50X2	Ø73X3	Ø102X6	194x9.6
Loader crane	Lifting weight (t)	/	/	2	5
	Loading capacity (t*m)	/	/	4	12.5
Max inclination angle	(°)	22	20	18	16
Max backreamer diameter	(mm)	Ø350	Ø800	Ø1000	2000
Weight	(t)	4	10	21	58
Dimension	(mm)	4500X1800X2000	6200X2250X2450	11610X2475X3115	18240x3000x3600

THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
THE PICTURES MAY INCLUDE OPTIONS
THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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