

Horizontal Directional Drilling

XZ320D



Horizontal Directional Drilling - HDD-XZ320D

Technical Parameters

Description	Unit	HDD-XZ320D
Overall dimensions		
Length	m	6.5
Width	m	2.25
Height	m	2.45
Weight	Kg	10000
Engine		
Make		China III Dongfeng Cummins
Model		6BTAA5.9-C205
Power	Kw	153
Rated power	rpm	2200
Fluid capacities		
Engine oil	L	14
Fuel tank	Ltrs	250
Hydraulic tank	Ltrs	260
Operational		
Maximum Spindle torque	Nm	12600
Maximum spindle speed	rpm	140
Pull back force	KN	320
Max back reamer diameter	mm	800
Max carriage speed	M/min	25
Angle of approach	Deg	20
Rod loader		Manual
Anchorage		Manual
Drilling fluid system		
Max flow	lpm	320
Max pressure	bar	80
Drill stem		
Length	m	3
Rod diameter	mm	73
Max back reamer diameter	mm	800
Standar no. of rods	nos	100

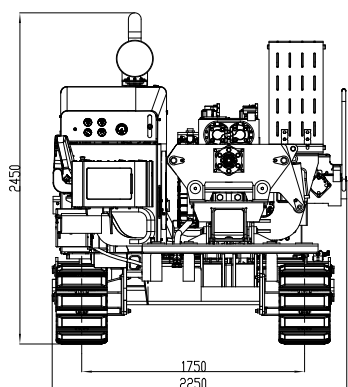
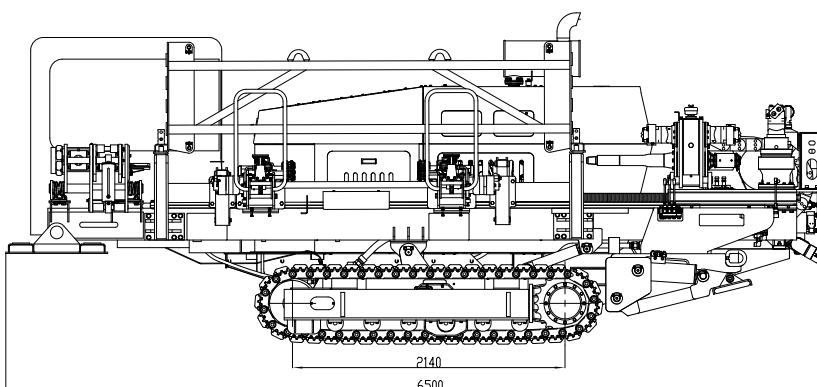
Performance Characteristics of Small Horizontal Directional Drills

- Clamp and carriage use double floating patented technology can greatly protect the drill pipe thread, increasing the service life of the drill pipe.
- High-speed sliding systems, variable motor helps to achieve high and low carriage sliding change, increasing the ability to adapt the drilling rig working conditions. This improves the efficiency in the drilling rig construction.
- Support the diverse needs of customers, the machine comes with Cummins A engine and has options of automatic or semi-automatic drill pipe handling device, automatic anchoring system, cab, air conditioning, cold start, freezing mud, mud washing and throttling.

Performance Characteristics of Large Horizontal Directional Drills

- Dual engines are used.
- Numerical meter displays the working torque, push or pull force in working conditions.
- Adjusting the entry angle is easier as the Drill frame side is by the cylinder. Multi speed control is easier to use in any geological conditions.
- Hydraulic pilot control, load sensing control helps to save energy and operate flexibly.
- Electronic sensor has rapid reaction and can show overload immediately. It surpasses the delay in the traditional hydraulic meter's indication showing accurate information. It also solves the dependency on the operator to calculate the torque and force by the equipment switch directive.

Overall Dimensions



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