

Horizontal Directional Drilling

XZ200



Horizontal Directional Drilling - HDD-XZ200

Technical Parameters

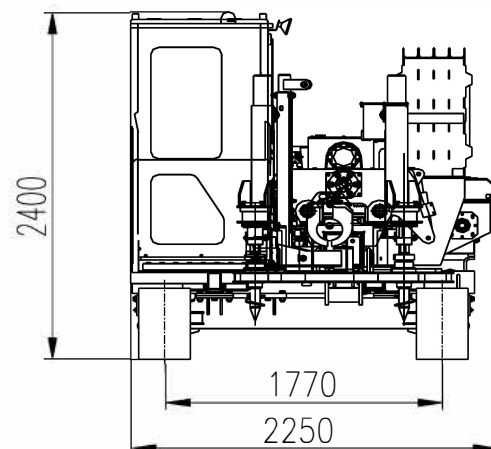
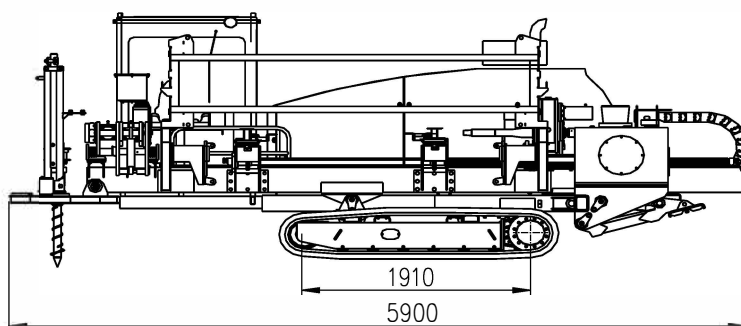
Description	Unit	HDD-XZ200
Overall dimensions		
Length	m	5.9
Width	m	2.02
Height	m	2.1
Weight	Kg	8500
Engine		
Make		Dongfeng Cummins
Model		6BT5.9-C150
Power	Kw	110
Rated power	rpm	2300
Aspiration		Without turbocharger
Fluid capacities		
Engine oil	L	14
Fuel tank	Ltrs	250
Hydraulic tank	Ltrs	260
Operational		
Maximum Spindle torque	Nm	6350
Maximum spindle speed	rpm	160
Pull back force	KN	225
Max bore diameter	mm	89
Max back reamer diameter	mm	600
Max ground drive speed	Km/hr	2.2
Max carriage speed	M/min	26
Angle of approach	Deg	12-22
Drilling fluid system		
Max flow	lpm	250
Max pressure	bar	80
Drill stem		
Length	m	3
Rod diameter	mm	60
Weight	kg	35
Min bend radius	m	33
Rod carrying capacity	nos	50
Max back reamer diameter	mm	600

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.



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