



YY26 all-hydraulic leg drill

YY26 hydraulic rock drill with its powerful percussion and rotation, low-power, low noise, long life, obvious advantages and so on, is widely used in rock excavation project. YY26 hydraulic rock drill absorb advanced technologies at home and abroad, it also has the unique advantages in the following:

- (1) The three main functions automatic Control (patent): percussion, rotation, push synchronization. Improve double footage speed, lower more than half power consumption.
- (2) Through-hole oil motor (patent): no need for mechanical transmission, small size, long life, and great torque.
- (3) Cooling-water system (patent): all-round cooling machine, blow slag cleanly.
- (4) Flexible hydraulic legs (patent): single drill leg's energy ; reduce the probability of stick the rod, benefit a smooth operation.
- (5) Brake-chuck (patent): ensure the drillman safety when the rod tail broken, the structure lightweight, action flexibility.
- (6) The pressure lubricating oil chuck bushing (patent): chuck bushing and seclude bushing lubricate directly, reliable and convenient.
- (7) Complete specifications: a power station with multis-rig, flexible portfolio.



Powerful drilling

The powerful combination of percussion and rotation originates in a very efficient impact structure .

YY26 is also equipped with a powerful flushing mechanism which enables efficient removal of cuttings during drill deep holes.



High durability

The external parts have a sturdy design, and the internal parts, subjected to severe working conditions, which are either heat-treated or chromium plated. And all components are precisely finished as well. The drill's internal parts all work in the hydraulic oil assures trouble-free and economical operation.



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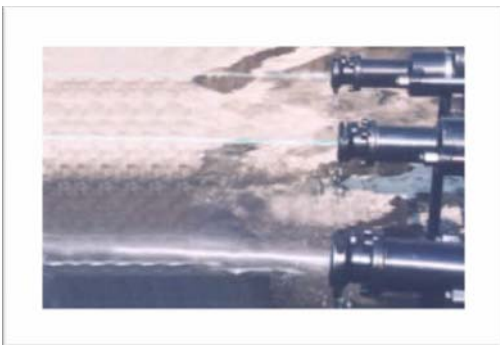
Easy and safe operation

Perfection of balance and convenient portability have been main concern in the design of YY26. The hydraulic leg's patent design makes the drill can be used for long periods due to the minimum recoil. The patent brake-chuck assures the broken rod will not hurt drillman and the drill rig will not fall when the bit shank is broken. YY26 guarantees dependable and efficient drilling with a minimum of operator fatigue.



Perfect leg-drill balance

The drill recoil is absorbed by leg owing to the patent floating device design of the leg and drill and consideration has been given to constantly produce full power. And when the bit shank is broken, the drill rig will not impact forward.



Performance equal to air flushing

The automatic water-feed device and the constant impact and lubricating mechanisms serve to give the same performance as a comparable drill with air flushing. Water is instantly fed automatically by controlling water switch handle as soon as the drill is started, and automatically stopped when the drill operation ceases. Powerful blows can be effected by means of the same handle.



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<i>Specifications</i>							
shank	Water flushing	Air flushing	Weight kg	Length Overall mm	Piston Stroke mm	Piston Dia mm	Oil flow L/min
22×108	√	√	26	600	24	30	32-35
Hydraulic Pressure Mpa	Impact Energy J	Impact Frequency J	Torque Nm	Spin Speed r/min	Drilling Hole dia mm	Water Pressure Mpa	
15-17.5	55-65	55-60	50-55	250-300	φ 32-46	0.1-0.3	

support leg



Weight kg	Length mm	Length mm (extended)	Feed length mm	Feed cylinder Dia mm
12.5	1400	2600	1110	47