

## YT28 气腿式凿岩机 YT28AIR-LEG ROCK DRILL



### 使用范围:

- YT28 气腿式凿岩机最适于在中硬或坚硬 ( $f=8\sim 18$ ) 岩石上钻凿水平或倾斜方向炮孔, 也可垂直向上钻凿顶板上的锚杆孔, 是矿山, 铁路, 交通, 水利建设等石方工程中的重要机具;
- 本机可与 FT160BC 型或 FT160BD 型气腿及有同名壳体的 FY200B 型注油器配套使用; 也可装在钻车或钻架上使用。

### Applications:

- Most fit drilling horizontal and inclined blastholes in medium-hard rock with a hardness of  $f=8\sim 18$ . It may also be for making roof bolting holes. The drill is an important instrument in mining, railway, communication and water conservancy projects.
- May be used together with FT160BC or FT160BD Air-leg and FY200B Line Oiler with transparent casing. The tool can also be mounted on a rig or a wagon.

### 结构特点:

- 操作机构集中、启动灵活、汽水联动、使用方便, 维修简易。
- 噪音低、振动小、节能高效、零件寿命长、通用率高、可靠性好。
- 尤以效率高, 吹洗炮孔功能强, 转钎力矩大而优于同类产品。

### Features:

- Grouped control mechanism, quick to start up with "air-on, water-on, air-off" mechanism easy Handle and maintain.
- Low noise, small vibration, energy-saving and efficient, highly interchangeable parts with long service life reliable performance.
- Different form similar products particularly in its high efficiency, strong flushing and powerful torque.

### 使用与维修:

除必须遵循一般凿岩作业的技术安全规程外, 还应特别注意:

- 螺旋母与活塞是左螺旋纹连接, 拆装时要注意旋转方向
- 机器开动前, 要将 FY200B 型注油器注满润滑油, 严禁无润滑油作业(推荐选用 GB443-84 所规定的 N45, N22 润滑油)
- 及其工作结束, 应先关闭水管, 再轻运转片刻, 吹净机内残余水滴, 防止零件锈蚀。

### Operation & Maintenance:

- Besides observance of the general safety precautions for rock drilling operations, the following points should be attended to:

- The rifle nut and the piston are lefthand threaded Cautions should be taken during assembling and Disassembling.
- Before operation, fill the line oiler with lubrication oil to the required level. The drill should not work without lubrication oil(recommended lube oil N46 and N22. Chinese National Standard GB443-84).
- After operation, first turn off the water, run the drill lightly for a few seconds, blow out the residual water drops to prevent the parts from being corroded.

#### YT28 型凿岩机技术规格: YT28 Rock Drill Specifications:

机 重	Weight	kg	26
长×宽×高	L×W×H	mm	661×247×195
凿岩耗气量*	Air consumption*	l/s	≤81
气管内径	Air hose dia	mm	25
水管内径	Water hose dia	mm	13
凿岩频率*	Impact frequency*	Hz	≥37
钻孔直径	Bit size	mm	34~42
钻孔速度	Drilling depth	m	5
钎 尾 Shank	(六方对边×长度) (hex. xL)	mm	22×108±1

\* 气压: 0.63MPa

Air pressure: 0.63MPa

#### FY200B 型注油器技术规格: FY200B Line Oiler Specifications:

储油量	Capacity	ml	200
重量	Weight	kg	1.02

#### 气腿技术规格: Air-leg Specifications:

气腿型号	Model		FT160BC	FT160BD
重量	Weight	kg	16.9	1.4.4
气腿长度	Length	mm	1800	1400
推进行程	Feed length	mm	1365	965