

## Y20 Hand-held Rock Drill

### Y20 手持式凿岩机



#### 使用范围:

- Y20 型手持式凿岩机，适宜在中硬或坚硬（ $f=8\sim 18$ ）岩石上干式钻凿向下和倾斜炮孔；
- 该机是小型露天采石场、矿山、农田水利、山区筑路等石方工程或大型矿山二次破碎作业的理想工具。随机配有透明壳体的 FY200B 型注油器，提供作业时自动润滑。

#### Introduction:

- Model Y20 Hand-held Rock Drill is intended for drilling downward and inclined blast holes in medium hard and hard rock ( $f=8\sim 18$ ):
- The rock drill is mainly used small quarries. Mines for constructing in mountain areas, water conservancy works in capital construction, also for secondary blasting in large mines and other projects, Model FY200B Line Oiler is incorporated into for lubricating during operation.

#### 使用维修注意事项:

- 除必须遵循一般凿岩作业的技术安全规程外，还特别应注意凿岩机在接通压缩空气前，细致检查气管弯头（53）与柄体（35）连接是否紧密、以免通气承压后崩出；
- 拆装配齐阀组（1）（2）（3）时要细心、不允许打堆或磕碰出毛刺，组装后用手摇，阀（2）应能在阀柜（3）中灵活地运动到两端极限位置；
- 螺旋母（8）与活塞（9）是左螺旋纹连接，拆装时要注意旋转方向。

### Operation and Maintenance:

Besides observance to the general safely precautions for rock drilling operations, the following Points must be adhered to:

- When connecting the drill to the air supplies, check carefully if the air pipe swivel(53)and the back head(35) is connected tighten.
- The part(1),(2)and(3)of the distribution valve assembly should be assembled and disassembled with great care to make sure that no burrs will appear through pushing and striking. After reassembling, shake gently the valve assembly to see if the valve(2)can nimbly move to the end positions in the valve chest(3).
- The rifle nut(8)and the piston(9)are left-hand threaded. Cautions should be taken during assembling and disassembling.

### 技术规格: Specifications:

机重	Weight	Kg	18
全长	Total Length	mm	605
工作气压	Working Pressure	Mpa	0.4
冲击频率	Impact Frequency	Hz	$\cong 34$
耗气量	Air Consumption	L/s	$\cong 25$
气管内径	Air Pipe Inner Dia.	mm	16 (或) OR 19
钎尾	Shank Size(hex. xL (六方对边×长度))	mm	22×108±1
凿孔直径	Bore Dia.	mm	30~40