

## TECHNICAL SPECIFICATIONS

### Gas Powered Rail Drill Machine

31 January 2020

The Gas Powered Rail drilling machine, which is lightweight and easy to use, is powered by a 4-stroke engine and is ideal for **drilling vignole and grooved rails**. The machine is fitted with an **automatic speed adjustment system**. As the cutter approaches the rail, the automatic throttle will increase the engine speed to ensure maximum power before drilling the hole. This system allows also to use only the power which is strictly necessary for the drilling, limiting the wear of the tool and the fuel consumption.

The **quick fixing** to the rail and its **balanced handle** with **safety switch**, guarantee minimum effort and **maximum safety** for the operator. **Drilling time: ranges from 20 to 60 seconds**, depending on the diameter of the hole and the hardness of the rail. With the machine we supply a wide range of **multi-teeth hollow drill bits**, the **rail profile templates** for any type of rail (specifying the height of the hole, that is, from the foot to the center of the rail) and, optionally the hole locators of 4 or 6 perforations can also be supplied, respectively for vignole and grooved rails.

The 5 liter tank, the wooden box and the ejection pin for the drill bit are included with the machine as a standard.



Gas powered rail drill



Hole Locator

Machine Product number	Gas Powered Rail Drill FDRIL0001
Engine	Honda GXV 57
Fuel	Unleaded gasoline
Power	1,5 kW @ 4 800 tr/min
Torque (max)	3,2 Nm @ 4000 tr/min
LpA / LwA	82 dBA / 89,9 dBA
Handle vibrations	2,6 m/s <sup>2</sup>
Hole range capacity	18 – 40 mm
Drill bit rotation speed	300 rpm
Dimensions [LxWxH]	570 x 340 x 395 mm
Mass (without accessories)	18 kg

## NORM COMPLIANCE

MACHINE DIRECTIVE 2006/42/CE  
EUROPEAN STANDARD NF EN 13977