PANDROL
Partners in excellence

EasyDrill-P-40

Rail Welding Equipment

The Pandrol EasyDrill-P-40 is designed to bore all kinds of vignole and tram rails with extreme precision. Mounted on a clamp and provided with drilling templates, the drill can be adjusted to the full range of standard drilling patterns.

The high-efficiency drill is powered by a lightweight, efficient engine that ensures accurate, quick drilling. The EasyDrill-P-40 is easy and intuitive to use. It comes fitted with an advancing lever that minimises vibrations during operation and can be used to control the engine speed.

TECHNICAL FEATURES

Components

The EasyDrill-P-40 comprises a cooling tank, Honda engine, rail clamp, drilling template (on request depending on the size of the rail) and a rail template (4 or 6 holes on request).

Powerful engine

The four-stroke Honda engine supplies a maximum power of 1.5 kw at 4,800 rpm.

Accelerator synchronisation

The engine speed is directly synchronised with the position of the drill from the rail. This allows the machine to automatically accelerate when drilling starts, preventing excessive fuel consumption that results from an engine being able to run at full speed without drilling.

Modular rail clamp

The EasyDrill-P-40's modular rail clamp enables customers to swap the working rail or drill a different pattern by changing the rail or drilling templates on the original clamp.

Precise templates

The machine's templates are produced with precision on a numerically-controlled machine. This guarantees a high-quality of realisation, with no need for rectification.

Designed for ease of use

The Rail Drilling Machine's robust transmission, coupled with its high-quality drill, allows the operator to drill without excessive force on the advancement lever.

ADVANTAGES

- The EasyDrill-P-40's robust, four-stroke Honda engine is renowned for its reliability. As a result, little preventive maintenance is needed, saving customers time and money.
- The fuel-efficient engine, coupled with the accelerator synchronisation, means that the machine is cheaper to run and more environmentally friendly than many other drilling machines.
- The high-quality drill is quick and efficient, saving time on drilling operations.
- The modular rail clamp provides flexibility and saves money as customers do not have to buy different rail clamps for different types of work.
- The efficient drill, high-quality rail clamp and precision-engineered templates ensure accurate drilling, saving customers time and money on rectifying mistakes.
- As a result of its accelerator synchronisation, the EasyDrill-P-40 is easy to operate and little training is needed. Operators experience less fatigue than with some machines, as relatively little force is needed to use the advancement lever.

COMPONENTS

1. Honda engine
2. Advancing lever
3. Rail clamp
4. Rail rapid clamp system
5. Rail template

SPECIFICATIONS

Technical data	
Description	EasyDrill-P-40
Item number	FDRILL0006
Engine	Honda GXV57
Maximum power	1.5 Kw (2HP) at 4800 rpm
Maximum torque	3.2 Nm at 4000 rpm
Wheel rotation speed	300 rpm
Tool maximum diameter	33 mm
Hole diameter	6 – 40 mm
Tool maximum stroke	48 mm
Maximum rail thickness	33 mm
	Vignole Rail version
Dimensions (L x W x H)	570 x 340 x 395 mm
	Tram Rail version
Dimensions (L x W x H)	695 x 341 x 392 mm

Accessoires	
FDRILL0022	Rail profile template for Vignol rail 54E1 to 60E1, h = 70 mm
FDRILL0007	Hole locator for Vignol rails - 4 holes
FDRILL0051	Hole locator for Vignol rails - 6 holes
FDRILL0005	Long pin ejector for Grooved rail, L = 127 mm
FDRILL0003	Tram clamp
FDRILL0004	Weldon shank adapter for Grooved rail, L = 50 mm
FDRILL0040	Hole locator for Grooved rails

Standard compliance

- Machinery directive 2006/42/CE
- European norm NF EN 13977

LEARN MORE

www.pandrol.com

Descriptions, characteristics, applications and photos are provided for information purposes only. They can be modified without prior notice and are not binding towards Pandrol.

V1 – 2025