

Rail Saw

HC305 / HC355 / HC406

Rail Welding Equipment



The Pandrol Rail Saw (HC305 / HC355 / HC 406) ensures fast and accurate cutting of rails of all profiles and grades. The ergonomic design of the rail clamp prevents physical stress.

The rail saw's support arm is equipped with a tightening jaw, ensuring a quick and rigid fixing on the rail. It supports and guides the saw, guaranteeing high-quality cutting that is perfectly perpendicular to the rail.

The machine is equipped with a safety device that prevents sawing operation without the support arm. The device fixing, reversible on the support arm, enables the saw to be positioned on the inside or the outside of the track without dismantling the tightening jaw. The cutting guide helps to ensure the support arm jaw is placed in exactly the right position for cutting.

TECHNICAL FEATURES

Unique support arm design

Unlike other rail saw designs, all the weight of the Pandrol Rail Saw is carried by the rail support. A tightening jaw ensures rigid fixing on the rail. The saw is reversible on the support arm and can be positioned on the inside or outside of the track without dismantling the tightening jaw.

Motorisation

The Pandrol Rail Saw has the most powerful gas engine in the rail portable cutting tool industry. A Poly-V Belt 4PK provides a high-power transmission rate.

Engineered for cutting accuracy

A monobloc extension arm in aluminium ensures unrivalled cutting accuracy and repeatability. A cutting guide positions the support arm jaw for accurate cutting.

Safety features

An electrical shunt controls the opening of the engine ignition circuit and its automatic closure when the rail saw is disconnected from the support arm. To protect the operator during use, the machine offers protection against hot fumes exhaust and directs sparks to the ground.

Filtration

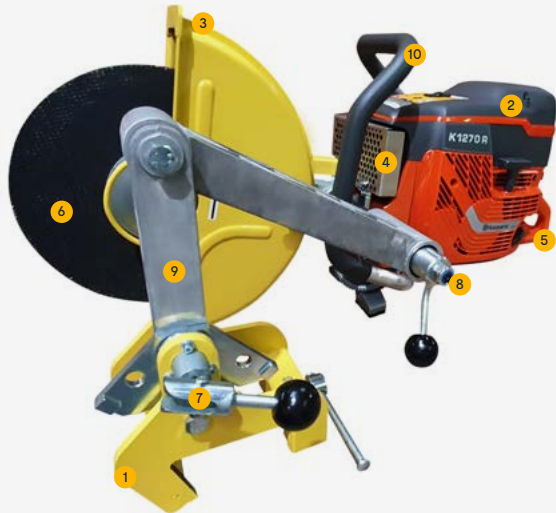
Three-step air filtration with air injection is designed for the tough railway environment.

Designed for quick and easy installation

The Pandrol Rail Saw is easy to set up and quick to install by hand screwing.

→ ADVANTAGES

- The Pandrol Rail Saw is easy to use and requires no push or pull effort. The operator simply has to guide the machine and perform a vertical swivelling motion.
- The support arm supports and guides the saw, guaranteeing high-quality cutting that is perfectly perpendicular to the rail.
- A range of safety features, including an automatic engine cutoff when the saw is not attached to the rail support, protect operators.
- The saw is fast and efficient compared to other portable cutting tools thanks to its powerful engine and high-power transmission rate.
- Setting up the saw is quick and easy. No specialist tools are required.
- The Pandrol Rail Saw is available in different versions depending on the type of rail and the preferred size of cutting.



→ COMPONENTS

1. Rail clamp
2. 2-stroke engine
3. Disc guard
4. Fume exhaust protection
5. Throttle trigger
6. Abrasive disc
7. Three-position locking device
8. Power cutter lock handle
9. Three-position arm
10. Front handle

→ SPECIFICATIONS

Technical Specification				
Description	HC355 Vignole 3 Position Arm - Gas	HC355 Universal 3 Position Arm - Gas	HC406 Universal 3 Position Arm - Gas	HC305 Universal 3 Position Arm - Gas
Item number	14221031	14221032	14221034	14221030
Saw engine	Husqvarna K1270	Husqvarna K1270	Husqvarna K1270	Husqvarna K1270
Energy	2 strokes gas engine	2 strokes gas engine	2 strokes gas engine	2 strokes gas engine
Power	5,8 kW at 10 000 rpm	5,8 kW at 10 000 rpm	5,8 kW at 10 000 rpm	5,8 kW at 10 000 rpm
Support arm	Vignole	Universal	Vignole	Universal
Disc size	356 mm / 14" / bore 25.4 mm	356 mm / 14" / bore 25.4 mm	406 mm / 16" / bore 25.4 mm	305 mm / 12" / bore 22.2 mm
Total weight saw (+ arm)	21 (+8) kg	21 (+10) kg	21 (+10) kg	21 (+10) kg
Rail type				
Vignole	Yes	Yes	Yes	Yes
Grooved / Tramway rail	-	Up to 150 mm (total width)	Up to 150 mm (total width)	Up to 150 mm (total width)
HEB 140/160	-	Yes	Yes	Yes

Standard compliance

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

Accessories

47901041 Alox disc 356 x 4 mm, bore 25,4 mm
47901044 Zirconium disc 356 x 4 mm, bore 25,4 mm
47901042 Alox disc 406 x 4 mm, bore 25,4 mm
47901028 Alox disc 305 x 4 mm, bore 22,2 mm
42001011 Handling box plywood 1025 x 475 x 470 mm

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