



PowerRailsaw BL-355/406

Rail Welding Equipment



The Pandrol battery rail saw is the most suitable tool for all heavy duty works, ensuring fast and accurate cutting of rails of all profiles and grades. Its universal clamp can be fixed on Vignole, crane or grooved rails.

The powerful motor provides a consistent power and torque all along the cutting operation.

The ergonomics of the rail saw is facilitated by an unique rail clamp design and a reversing function to make the cut safer and quicker.

→ TECHNICAL FEATURES

Powerful motor

The PowerRailsaw BL-355/406 is equipped with a brushless direct current motor, providing a consistent power and torque all along the cutting operation.

Unique support arm design

All the weight of the Pandrol PowerRailsaw BL-355/406 is carried by the 2-position lock arm, with an additional spring. A tightening jaw ensures rigid fixing of the clamp on the rail.

Reversing function

The reversing function makes the cut safer and quicker by simply pivoting the saw to the other side of the rail without disconnecting the machine.

Designed for quick and easy installation

Pandrol railsaw is easy to set up and quick to install by hand screwing,

Long lasting battery

With an external and powerful battery of 3.2kWh (62 Ah), PowerRailsaw BL-355/406 can perform an average of 15 cuts or more depending of the conditions.

Engineered for cutting accuracy

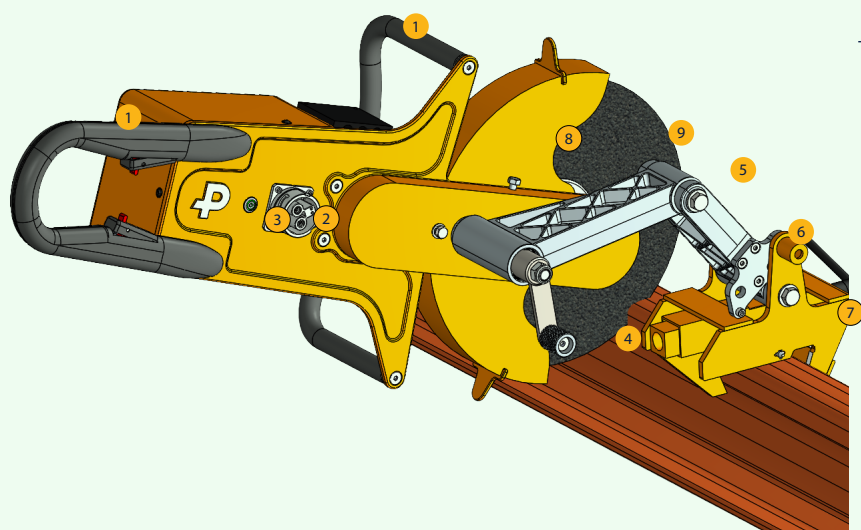
A retractable cutting guide positions the support arm jaw for accurate cutting.

High quality cutting discs

Pandrol cutting disc is a widely-used, well-proven product suitable for all applications.

→ ADVANTAGES

- Safe operations in tunnels and urban environments thanks to its noiseless zero-emission electrical power unit.
- Comfort of usage due to ergonomic design and less noise and less vibration with battery power.
- Electrical safety to protect electrical component and operators, increasing life duration of the railsaw and the battery.
- Quick cut with powerful motor and reversing feature, reducing constraints on operator.



→ COMPONENTS

- | | |
|-----------------------------|--------------------------------|
| 1. Ergonomic handles | 6. Two-position locking device |
| 2. Reinforced socket | 7. Universal rail clamp |
| 3. On/off switch | 8. Spark guard |
| 4. Power cutter lock handle | 9. Pandrol cutting disc |
| 5. Support arm | |

→ SPECIFICATIONS

Technical data	
Nominal Output	Rated Power 3,6 kW / Peak power 7,8 kW
Nominal Voltage	51,7 V
Energy	3,2 kWh (62Ah)
Charging time (230V)	4 hours / 80% in 2,5 hours
Temperature of use	-20°C to +50°C / -4°F to +122°F
Cutting disc diameter	355 mm (14") or 406 mm (16")
Cutting time (60E1 / 132 lbs)	< 60 seconds
Cutting machine	21 kg / 46 lbs
Rail clamp	8,5 kg / 19 lbs
Battery power unit	24 kg / 53 lbs
Dimensions (L x l x h)	For disc 355 (14"): 875 x 285 x 450 mm (34" x 11" x 18") For disc 406 (16"): 875 x 285 x 500 mm (34" x 11" x 20")
Rail profiles compatibility	Vignole, crane and grooved rails

Accessories

47901041	Pandrol Alox cutting disc 356 x 4 x 25,4 mm (14" x 1/6" x 1")
47901044	Pandrol Zirconia cutting disc 356 x 4 x 25,4 mm (14" x 1/6" x 1")
47901042	Pandrol Alox cutting disc 406 x 4 x 25,4 mm (16" x 1/6" x 1")

Standard compliance

- Machinery directive 2006/42/CE
- Battery certifications IEC62133 (Cell/Pack), IEC62619, UN38.3