



CD100 B

Fastening Installation Equipment

Adding Value

CD100 B is an emission-free portable clipping machine designed for quick and easy clipping and declipping of the Pandrol Fastclip range.



The CD100 B clipping machine is designed for clipping and declipping Pandrol Fastclips. Compact and lightweight, it is suitable for use by a single operator and can be easily carried on site.

The CD100 B is composed of three parts: a power pack and two clipping tools. As part of its ergonomic design, a weight-bearing wheel runs along the rail, dramatically reducing the physical strain on the operator. Although optimised for smaller clipping and declipping applications, the CD100 B is versatile and can be coupled quickly and easily to other equipment.

Powered by battery, this emission-free clipping machine is suitable for use in tunnels, stations, and densely populated areas where working safely with low noise and clean air is a priority.

→ TECHNICAL FEATURES

Advanced battery technology

The CD100 B is equipped with a reliable lithium-ion battery, designed for high-power applications. The battery supports hundreds of charges while maintaining full power, with a low self-discharge rate.

Modular design

Designed with a quick connect interface, the patented CD100 B comes in three modules: the power pack, the clipping tool and the declipping tool.

Made for Pandrol Fastclip

Compatible with Fastclip FC up to 1500 series of clips (15mm in diameter), Fastclip FE and FCX.

Compact

The powerful tool's small size means the CD100 B can be stored in the boot of a car and carried onto site by one person for quick intervention and reduced cost.

Ergonomic features

The CD100 B is equipped with an adjustable handle and a weight-bearing wheel that runs along the rail to reduce physical strain on the operator.

→ ADVANTAGES

- The CD100 B's compact, portable design means that it can be transported easily and used by a single operator, saving time and labour costs.
- The machine's ergonomic features, including adjustable handle, weight-bearing wheel and light weight, make it safer and more convenient for users.
- An environmentally-friendly, battery-powered tool with no exhaust smoke and reduced noise, the CD100 B makes a positive contribution to clean working environments.
- Being emission-free, it is suitable for use in tunnels, stations, and densely populated areas.
- The CD100 B replaces the need for manual hand tools for small jobs, eliminating the risk of tools slipping and physical stress injuries.
- The tool has been designed to be extremely versatile. It can be coupled to other equipment and is strong enough to lift a sleeper up to 10mm.



→ COMPONENTS

1. High-power lithium-ion battery power pack
2. Ergonomic weight bearing wheel
3. Interchangeable clipping tool
4. Adjustable handle
5. Clipping tool for FC / FE / FCX
6. Unclipping tool for FE / FCX
7. Unclipping tool for FC / FCX (complete removal)

→ SPECIFICATIONS

Technical data

Description	CD100 B Power Unit	Clipping tool FC/FE/FCX	Unclipping tool FE/FCX	Unclipping tool FC/FCX (complete remove)
L x W x H	480 x 260 x 400 mm	200 x 570 x 340 mm	350 x 560 x 400 mm	270 x 560 x 400 mm
Weight	19 kg (without battery)	24 kg	29 kg	24 kg
Clipping / Declipping	-	2 clips per cycle	2 clips per cycle	2 clips per cycle
Max working force	-	33.8 kN	23.9 kN	23.9 kN
Capacity	300 clipping operations	About 10 sleepers / min	About 10 sleepers / min	About 10 sleepers / min
Battery capacity	72 V 6 Ah - 82 V (included with charger)	-	-	-
Noise level	Operation: 79.2 dB (A)	-	-	-
Vibration level (handlebars)	0.53 - 1.28 m/s ²	-	-	-

Accessories

392025	Additional 6 Ah - 82 V battery
392026	Additional charger
5012728	2 Clipping pads FCX
5012727	2 Clipping pads FE

Standard compliance

- Machinery directive 2006/42/EC

Approved by

- SNCF product acceptance No: **AGT 23036**

→ LEARN MORE



VERSION
FR

MANUFACTURED BY

ROSENQVIST RAIL



www.pandrol.com