



# 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 onto 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 and stations and in 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. Capable of hundreds of charges without any loss of power, the battery has 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 upto 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.
- Because it is 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 <sup>2</sup>	-	-	-

### 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**

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