



CD100 Battery

On-Track equipment

Adding Value

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



The CD100 Battery 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 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 is versatile and can be coupled quickly and easily to other equipment. If required, it can lift sleepers up to 10mm.

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 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 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 Battery can be stored in the boot of a car and carried onto site by one person for quick intervention and reduced cost.

Up to 10 mm sleeper lift

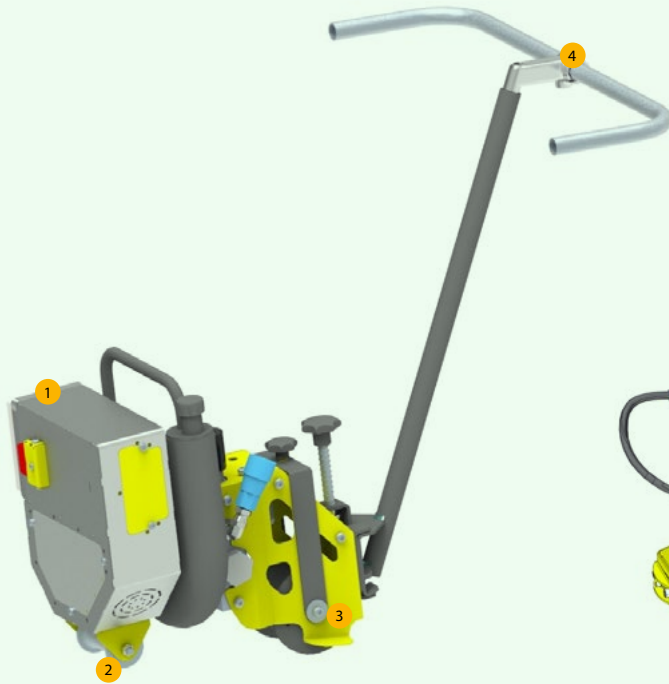
This small but strong tool can lift a sleeper up to 10 mm when the rail is not in contact, to guarantee a perfect mounting.

Ergonomic features

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

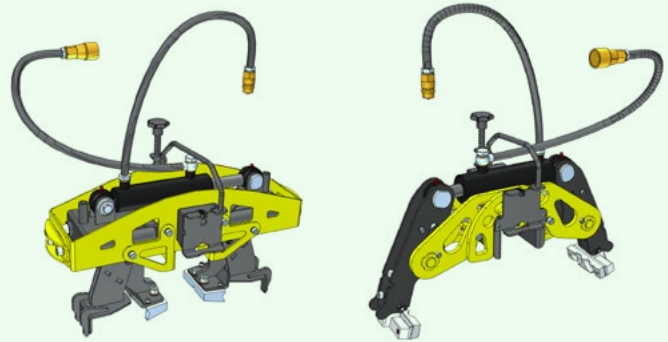
→ ADVANTAGES /

- The CD100'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 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 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



→ SPECIFICATIONS /

Technical specifications			
Equipment	CD100 Clipping Tool	CD100 Declipping Tool	CD100 Battery Power Unit
Code	110-0201	110-0058	6000617
Weight	23 kg	25 kg	18.5 kg
Height	390 mm	400 mm	400 mm
Length	580 mm	560 mm	480 mm
Width	210 mm	270 mm	260 mm
Max working force	33 kN	23 kN	N/A
Capacity	About 10 sleepers / min	About 10 sleepers / min	300 clipping operations
Battery capacity	N/A	N/A	6 Ah - 82 V

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