

CD100

Fastening Installation Equipment

Adding Value

The ideal lightweight baseplate assembly, in particular when rail fastenings need to be 'pushed' into concrete that is formed but still wet.



The CD100 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.

This version is also available with battery power (CD100 B), making it suitable for use in tunnels, stations, and densely populated areas where working safely with low noise and clean air is a priority.

→ TECHNICAL FEATURES

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 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 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.
- 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 as it can be coupled to other equipment.



→ COMPONENTS

1. Power unit
2. Ergonomic weight-bearing wheel
3. Interchangeable clipping tool
4. Adjustable handle
5. Unclipping tool
6. Clipping tool

→ SPECIFICATIONS

Technical data

Description	CD100 Thermic 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	16 kg	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	-	Up to 10 sleepers/min	Up to 10 sleepers/min	Up to 10 sleepers/min
Noise level	Operation : 98 dB (A)	-	-	-
Vibration level (handlebars)	0.53 - 1.28 m/s ²	-	-	-

Accessories

5012728	2 Clipping pads FCX
5012727	2 Clipping pads FE

Standard compliance

- Machinery directive 2006/42/EC

Approved by

- Network Rail product acceptance No: **PA05/03211**
- SNCF product acceptance No: **AGT 23217**

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