

# Clip Driver CD300 IQ

Track equipment



Clip Driver CD300 IQ is a high-production clipping machine designed to install Pandrol Fastclip FC and FE fastening systems.

The machine's design is based on the proven technology of Pandrol's Clip Driver CD400, with enhancements adding to its performance. Tools are folded up when not in use, eliminating the risk of collision with shoulders, fishplates and clips in the track. A newly designed intelligent control system monitors the machine's operation and actively controls the clipping operation.

Clip Driver CD300 IQ has a quick adjustment for various rail heights and guiding rollers ensure it is centred on the track. Its low weight makes it suitable for use on smaller road-rail machines.

## → TECHNICAL FEATURES

### **Intuitive control system**

Clip Driver CD300 IQ has a new intelligent control system with a display. It is easy to understand and available in different languages. It stores running data for follow-up and shows error codes.

### **Automated clipping speed**

The control system measures the speed of the machine on the track and automatically adjusts the start of the clipping operation to get a perfect result and avoid damage to the machine and/or the track.

### **Raised tools**

Tools are raised when not in use, eliminating the risk of collision with shoulders, fishplates and ballast. It is no longer necessary to remove the clipping pads on the tools when it is not used, which saves time in the track.

### **Guiding rollers**

Guiding rollers ensure the Clip Driver is centred on the track.

### **Rapid height adjustment**

The machine's height can be adjusted quickly and easily for various rail types by moving the position of a pin.

### **Lightweight design**

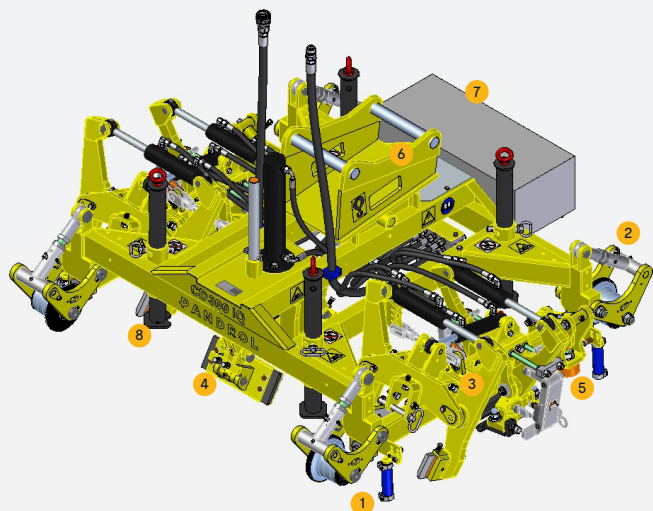
Clip Driver CD300 IQ weighs only 975g and can be used with smaller road-rail machines from 6 tonnes upwards.

### **Proven technology**

The machine's design is based on the same proven technology as Clip Driver CD400 (clipping tools and sleeper lift). As a result, it is robust and reliable and has reduced need for spare parts.

## → ADVANTAGES

- Clip Driver CD300 IQ's intelligent control system makes the machine easy and intuitive to use. The error codes enable faster fault-finding.
- Automated control of the start of the clipping operation prevents faulty installation and damage to the machine and track.
- Risk of damage to the machine and track is further reduced because tools are raised when not in use. This also saves time (when using Clip Driver CD400, for example, the operator has to remove pads on the tools to avoid collision).
- The machine's light weight makes it easier to lift on and off the track and means that it can be used with a wide range of road-rail machines.
- Quick height adjustment saves a great deal of time, particularly when using the machine on different rails.
- Clip Driver CD300 IQ is reliable and needs few spare parts, making it a cost-effective option.



## → COMPONENTS

1. Automatic system
2. Quick adjustment of height
3. Foldable Fastclip tools
4. Sleeper lift
5. Guiding rollers
6. Machine interface bracket
7. Toolbox
8. Supporting legs

## → SPECIFICATIONS

Technical specifications	
Width	2250 mm
Length	1730 mm
Height	1030 mm
Weight	975 kg
Wheels	Ø 125 mm
Track gauge	1435 mm
Capacity	Up to 40 sleepers/min

