

# Auto Master

## (For Sleeper Replacers SB40/SB60)

Rail and Sleeper Handling

### Adding Value

Increases safety by reducing the number of people needed to carry out clipping during re-sleeper operations.



Rosenqvist Rail's Auto Master has been developed for use when installing Pandrol FC and FE Fastclip products as part of re-sleeper operations. A carrier-mounted attachment, it is available as an accessory for the Sleeper Replacers SB40 and SB60.

The Auto Master enables clipping to take place automatically, as part of a seamless process. With six to eight fewer people required on track to perform the operation, the machine has a major impact on site safety.

Self-centring and with a high working capacity, the Auto Master is an excellent choice for simplifying and accelerating re-sleeper operations on all standard varieties of rails and sleepers

## → TECHNICAL FEATURES

### Automation

The Auto Master installs clips automatically, controlled by the machine's operator from the cab of the carrier machine. New sleepers are clipped onto the rail at the press of a button.

### High working capacity

The Auto Master can clip approximately 20 to 30 sleepers an hour.

### Clip compatability

The machine can be adjusted to accommodate a range of different clip assemblies, including Fastclip FC and FE.

### Energy use

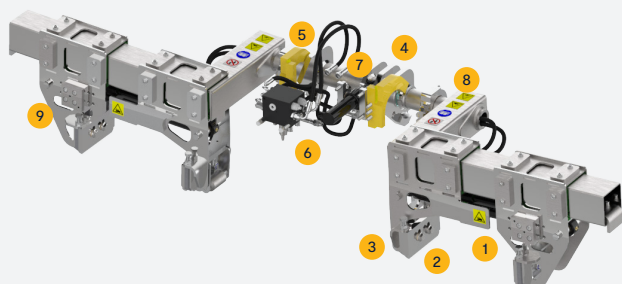
The machine is hydraulic and requires no extra power from the carrier machine.

### Carrier-mounted attachment

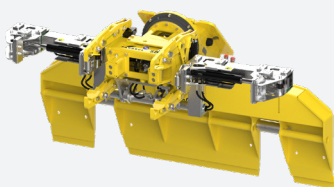
The Auto Master is available as an attachment for the Sleeper Replacer SB40 (the unit weighs 220kg) and for the SB60 (weighs 260kg).

## → ADVANTAGES

- The Auto Master is extremely easy to use, enabling new sleepers to be clipped onto the rail at the press of a button.
- With an hourly capacity of approximately 20 to 30 sleepers, the machine improves the rate of operation.
- The machine is versatile and can be used for all standard varieties of rails and sleepers, as well as a range of different clip assemblies.
- The Auto Master is a cost-effective option because it minimises the number of people needed for clipping during re-sleeper operations.
- As a result, it also increases site safety by reducing the number of people on track.



**Auto Master with SB60**



## → COMPONENTS

- |                                                    |                                             |
|----------------------------------------------------|---------------------------------------------|
| 1. Clipping cylinder                               | 5. Stop and transport lock (bolt)           |
| 2. Clipping pad<br>Adjustable height +20mm         | 6. Turn cylinder                            |
| 3. Support roller<br>Adjustable height +20mm       | 7. Mounting plate                           |
| 4. Bracket<br>Gradually adjustable in height +25mm | 8. Adjustable stop with spring damping (2X) |
|                                                    | 9. Block for setting clamp measure          |

## → SPECIFICATIONS

Technical data		
Description	Auto Master SB40	Auto Master SB60
Maximum rail height	213 mm	213 mm
L x W x H	540 x 2530 x 495 mm	540 x 2530 x 500 mm
Weight	220 kg	260 kg
Installation force	40 kN (190 bar)	40 kN (190 bar)
Maximum tool grapple opening over rail	610 mm	610 mm

### Standard compliance

- Machinery directive 2006/42/EC
- Electromagnetic compatibility (EMC) 2014/30/EU
- Safety of machinery – General principles for design. Risk assessment and risk reduction EN ISO 12100:2010
- Safety of machinery – Control systems EN ISO 13849-1:2015

### Approved by :

NETWORK RAIL PRODUCT  
ACCEPTANCE No: PA05/04237

### In partnership with



## → LEARN MORE



[www.pandrol.com](http://www.pandrol.com)