

Sleeper Replacer 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.



SB40 and SB60 Sleeper Replacers are attachments designed to replace sleepers safely and efficiently.

The SB60 has innovative tilt and rotate functions that allow sleepers to be changed from both the middle and the side of the track. The SB40 provides the same cost-effective, safe solution, but has been designed specifically for smaller carrier machines (weighing 8 to 12 tons) that are equipped with a permanently fitted tilt rotator. It is approximately half the weight of the SB60.

Both attachments can be combined with Pandrol's Auto Master clipping attachment for swift, safe installation of Pandrol's FC and FE Fastclips on new sleepers.

→ TECHNICAL FEATURES

Single versatile attachment

The SB40 and SB60 Sleeper Replacers dig out, remove and replace sleepers using a single attachment.

Compatibility

The Sleeper Replacers are compatible with most types of sleepers and are available in various track gauges.

Tilt and rotation

The SB60 Sleeper Replacer can be tilted and rotated, allowing sleepers to be changed from both the middle and side of the track.

Compact design

The Sleeper Replacers are compact in design and the SB40 is particularly lightweight.

Attachments

Several accessories are available for the Sleeper Replacers, including the Auto Master for automatic clipping. The SB60 SKR Automaster can be complemented with buckets for excavating ballast or wet materials.

→ ADVANTAGES

- Pandrol's Sleeper Replacers are high-performance machines that increase productivity and save time.
- Because the Sleeper Replacers can dig out, remove and replace the sleeper with one attachment, they offer a simple, cost-effective option.
- Fewer people are needed on track to carry out sleeper replacement, improving safety.
- When fitted with an Auto Master attachment, the Sleeper Replacers can also be used for fast, efficient installation of Pandrol's FC and FE Fastclips.
- The SB60's innovative tilt and rotate functions create maximum flexibility, allowing sleepers to be changed from both the middle and side of the track.
- Because the blade remains stationary and only the grapple rotates, the SB60 is suitable for use in limited spaces such as station platforms and tunnels.
- The SB40 has been designed specifically to be lightweight and is the ideal choice for smaller carrier machines weighing 8 to 12 tons.

SB40



SB60



→ COMPONENTS

SB40

1. Dozer Blade
2. Adjustable rollers for different rail and sleeper types
3. Sleeper grab

SB60

1. Dozer Blade
2. Adjustable rollers for different rail and sleeper types
3. Tilt function (optional)
4. Continuous rotation
5. Sleeper grab

→ SPECIFICATIONS

Technical data

Description	SB40 1435 mm	SB60 1435 mm	SB60 1000 mm	SB60 1067 mm	SB60 1520 mm	SB60 1600 mm
Rail type	60 kg/m 50 kg/m	60 kg/m 50 kg/m	60 kg/m 50 kg/m	60 kg/m 50 kg/m	60 kg/m 50 kg/m	60 kg/m 50 kg/m
L x W x H	1370 x 2590 x 1035 mm	1545 x 2590 x 1695 mm	1545 x 2240 x 1695 mm	1545 x 2305 x 1695 mm	1545 x 2755 x 1695 mm	1545 x 2840 x 1695 mm
Weight	530 kg	1075 kg	945 kg	1030 kg	1095 kg	1110 kg
Blade width	2590 mm	2590 mm	2240 mm	2305 mm	2755 mm	2840 mm
Clamping force	1400 kg	1400 kg	1400 kg	1400 kg	1400 kg	1400 kg

Accessories

Auto Master	For automatic clipping of Pandrol's FC and FE Fastclips
Bucket Attachment	The SB60 SKR Automaster can be complemented with buckets for excavating ballast or wet materials.

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** (for SB60 SKR Automaster)

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