



Track & Switch Alignment Systems

// RhoTAS/RhoSAS (Track Alignment System/Switch Alignment System)

Operating Principle

The RhoTAS / RhoSAS Track and Switch Alignment System is a compact design based on portable, easy-to-install modules with high load capacities and minimum intrusion into the track construction.

The system allows very little or no tensions in the pre-shaped track panel (best precondition for a trouble-free fine adjustment) due to the ability of free horizontal sliding of the temporary gauge holders on the supporting plates.

Main Benefits/

3-Step Alignment System – RhoTAS

RhoPAS – Pre-Adjustment System

- Precise adjustment of the track height, lateral position and superelevation
- Fixation of the gauge and rail cant.

RhoPPS – Pre-Positioning System

- Simple and effective pre-positioning system
- Length of track panel can be supported in a stress-free condition and close to its desired final position

RhoFAS – Fine Adjustment System

- Highly precise and very robust fine adjustment system
- Minimum intrusion into the track construction

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RhoTAS & RhoSAS Features

- Almost tension-free adjustment of the track panel
- Simple and easy handling
- Light weight, efficient one-man installation
- Exact fixation of the gauge and rail cant
- Great stability due to the optimized static system (also in superelevated sections)
- Trafficable up to 2 tones axle loads
- Independent from the inaccuracy and condition of the substructure. No lateral forces.



EASY TO HANDLE



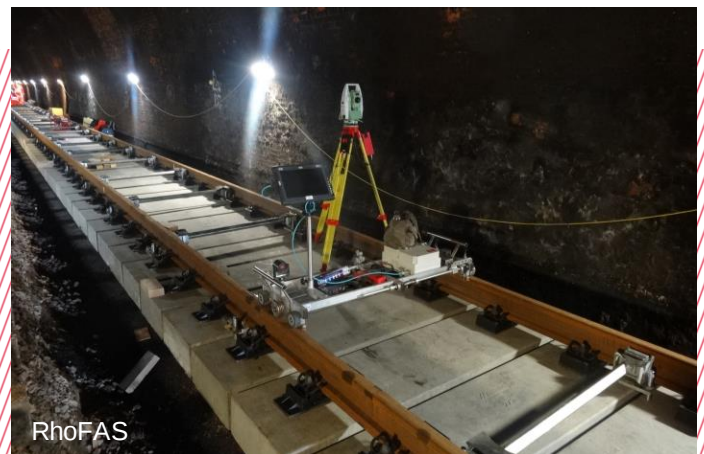
HIGH PRECISION



EFFICIENT



RhoPAS



RhoFAS



RhoPPS



RhoSAS

Rhomberg Sersa Rail Holding GmbH
Mariahilfstraße 29
6900 Bregenz
Austria

T +43 5574 403-5220
products@rsrg.com
www.rhomberg-sersa.com



**RHOMBERG
SERSA**  **RAIL
GROUP**

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