



# POLYGON SETTING DEVICE FORCE TRANSMISSION SYSTEM

**A mechanical rodding in the centre of the track for force transmission**

## Description

The polygon setting device is a mechanical rodding for force transmission, which operates up to three locking positions. The compact system is installed in the center of the track, is fully covered and can be used efficiently for all turnout geometries.



## System advantages

- » Easy installation and adjustment
- » Trailable up to 40 km/h
- » Easy inspection and maintenance
- » Machine tamping possible
- » Low life cycle costs
- » Can replace existing force transmission systems like for like
- » Can be combined with various locking systems and point machines
- » Slim-fit design



## HIGHEST EFFICIENCY

The powerful and reliable force transmission system helps to ensure maximum efficiency in operation and sustainably reduces maintenance costs. The polygonal setting device is convincing in all respects due to its outstanding material quality, low maintenance requirements and

universal applicability for all turnout geometries. The force transmission system can be combined with a wide variety of point machines and locking systems and, in combination with other SIGNALING components, results in a perfectly aligned setting system.

### Technical characteristic

Designation	Value / Type
Weight (Maximum weight of a module)	< 60 kg
Stroke	110 to 220 mm
Transmitted reversing force	(depending of locking level)
Ambient temperature	10 kN
Trailing speed	-40 °C to +80°C
Retaining force of the point machine	max. 40 km/h
Locking levels	max. 10 kN
Gauge	2 – 3
Spurweite	≥ 1435 mm