



Point Machine HWE500

All-rounders for depots and stabling areas



HANNING & KAHL

Point Machine HWE500

All-rounders for depots and stabling areas



HANNING & KAHL's point machines HWE500 from HANNING & KAHL are a pragmatic and cost-effective solution for depots and stabling areas for light rail vehicles and trams. With this compact point machine the points are optimally equipped.

Easy installation

Point machine HWE500 is usually installed in the track centre to save space. Optionally, it can be installed on the side of the track-side. The housing with all its components is directly integrated in to the earth case to protect the point machine against road traffic and shield it against environmental influences.

High holding forces

Spring-actuated holding of the tongues in their end positions is ensured by long-lasting pressure springs. Trailing does not cause any wear of the point machine. Despite the high holding forces, the point machine can be easily operated with one stroke of a lever.

Maximum availability

The housing provides optimum protection against environmental influences and rising groundwater. The complete drive mechanism is sealed inside the housing and there are no axial rod openings.

Low maintenance

All components are made of corrosion resistant materials. Teflon-coated bearings make lubrication unnecessary. As with all HANNING & KAHL point machines, a diagno-

stic module is available for demand-oriented maintenance of the point machine HWE500.

Features of the point machine HWE500 at a glance

- IP67 (EN 60529) housing for protection against environmental influences and groundwater
- No rod openings or bellows
- Compact design in sub-assembly structure
- Corrosion protection of all components
- Easy manual operation with one stroke of a lever
- Adjustable fatigue resistant pressure spring assembly



Spring assembly of HWE500

Technical data point machine HWE500

Drive form	electro-hydraulic
Point type	grooved rail (flat-bed, deep-bed), flat-bottom
Setting force	5,000 N
Point opening	up to 65 mm
Pressing force of the spring assembly	up to 3,000 N
Operating voltages*	600/750 V DC, 230/400 V AC
Temperature range	-25°C...+70°C
Protection class	IP67 in compliance with EN 60529
Safety integrity	SIL 2 in compliance with EN 50129

* other operating voltages on request



HANNING & KAHL GmbH & Co. KG
Rudolf-Diesel-Straße 6 | 33813 Oerlinghausen
Phone +49 5202 707-600 | Fax +49 5202 707-629
info@hanning-kahl.com | www.hanning-kahl.com