

Point Machine HWU42

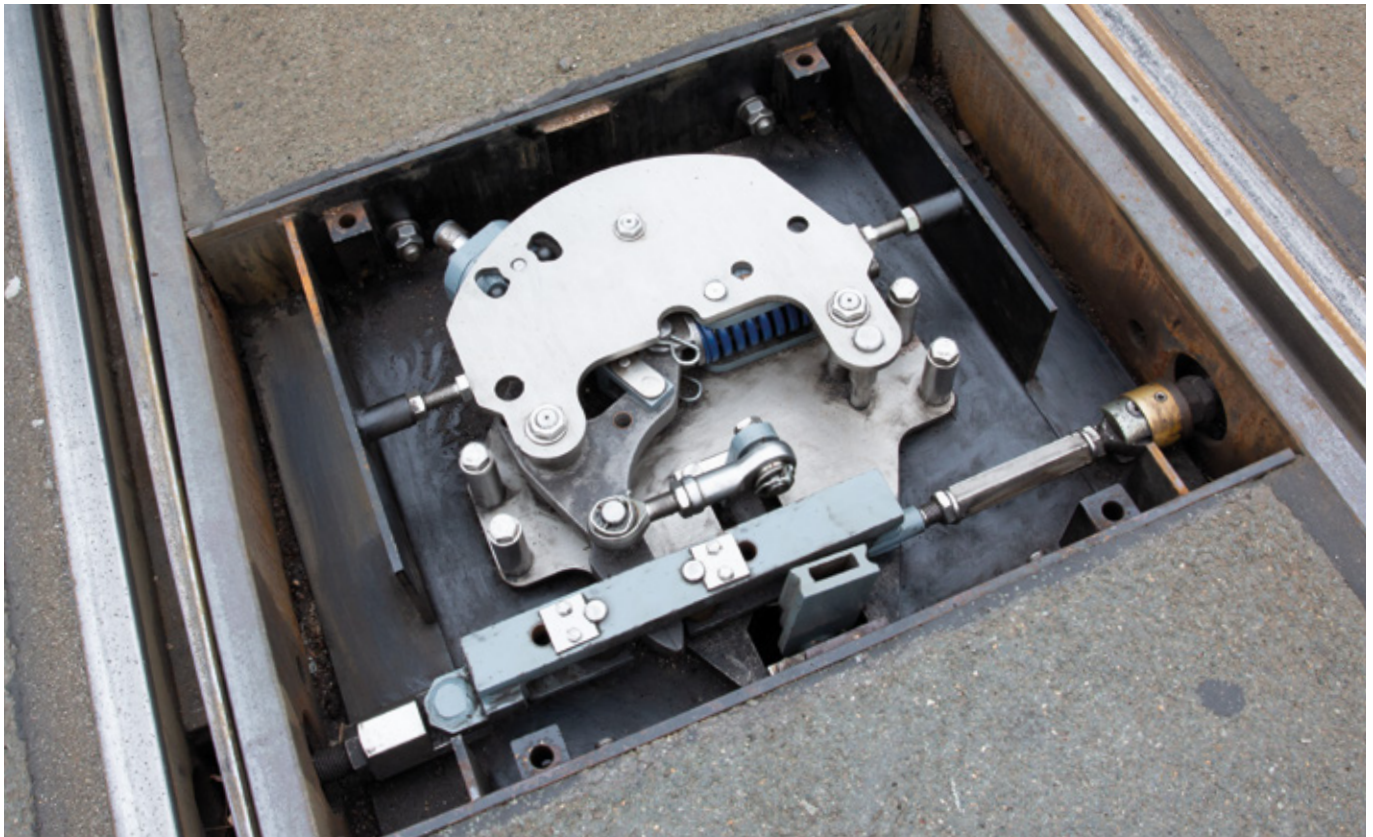
Manual Control of the Point



HANNING & KAHL

Manual Point Machine HWU42

Point setting: By Hand or High Tech?



Manual point machine of 42 series for an economically-efficient solution

When setting routes for rail vehicles, simple solutions suffice in many places on line networks. The manual point machine is the most pragmatic and economically-efficient solution for points which are trailed and also for faced points which are seldom set. HANNING & KAHL has also spurred on technological developments for such applications and offers manual point machines in innovative, reliable design.

HWU42. The logical development.

HANNING & KAHL manual point machines have proven themselves worldwide. Supported by close dialogue with transport authorities, we were able to take valuable practical experience into consideration and integrate many design-engineering innovations. The manual point machine of the 42 series convinces by optimum cost-benefit ratio, resulting from the following advantages:

Technical Data Point Machine HWU42

Drive	manual in spring-back and throwover function
Point type	grooved rail (flat-bed, deep bed)
Holding force	up to 2,500 N
Point opening	up to 60 mm
(spring-back up to 45 mm)	-25°C...+70°C
Temperature range	-25°... + 70 °C

- Very low installation height of just 180 mm
- Spring-back or throwover function can be set simply with the same components on site.
- For different point types, gauges and point openings
- Manual setting with low force requirement - just one simple stroke
- Progressively adjustable spring force for fixing of point tongues in end positions
- Noise reduction and wear protection by progressively adjustable damping
- Can be adapted in earthcases of other makes and in earthcases of the HANNING & KAHL 60 and 61.1 series

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The Facts.

Compact and universal.

The 42 series is suitable for all gauges, point types and point openings up to and including 60 mm. With an installation height of only 180 mm, there is no need for ground work. The point machine can be mounted without further ado in existing earthcases – also in other makes - which means the HWU 42 is also an ideal substitute when electric point machines are being overhauled.

Quality and performance.

With regard to quality and performance, the HWU42 makes no compromises. All components are made of corrosion-protected materials and integrated into earthcases which can be driven over. Pivot bearings ensure minimum friction forces and high efficiency, making the HWU 42 virtually wear-free - for maximum function safety and long service life.

If everything were so easy.

The HWU42 can be mounted and set simply and swiftly. Very easy to handle: the HWU42 can be set with minimum effort using the setting lever. In spring-back function, the preferred point position can be altered with just one stroke – without any modification. It is hard to believe that so much force and reliability can be operated so easily.

Safety All Along the Line.

HANNING & KAHL point-setting systems set technical standards and are successfully deployed all over the world. Our partners are transport authorities and operators of secondary lines, port and industrial enterprises, point manufacturers and consultants who are not prepared to compromise safety. HANNING & KAHL point-setting systems are the outcome of successful symbioses of economically-efficient series production and customized design. This facilitates technically precise and reliable integrated solutions from one source, which mean fast returns for operators.

Keeping all your systems go.

HANNING & KAHL convinces with committed and reliable service:

- Short lead times, flexibility
- Speedy supply of spare parts
- 24-hour on-call service
- Detailed documentation
- Instructional workshops (theory and practice).

Testing and service equipment.

Working closely together with transport authorities and vehicle manufacturers, HANNING & KAHL has developed practical testing and service equipment specially designed for the requirements of the rail sector, e. g.:

- Force measuring device HZM
- Lock inspector
- Tool kit for maintenance and upkeep work

This equipment offers optimum support when trouble-shooting, recording test results and planning service work.

Type key

HWU42	Basic model for points which are not set very often.
HWU42 D	With damping which greatly reduces wear and setting noise. Can be equipped with direction switches (optional).
HWU42 D-Z	End position is monitored by two independent tongue detectors.
HWU42 ... E	All variants mentioned above for one-tongue segments.



Point machine HWU42 can be adapted in earthcases of other makes



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