



GANTRAIL®

**New Mould
SP+LP**

Making Good Things Better

New Mould SP+LP

Alutherm

As a result of our thorough research and development, we have created a new unique mould design referred to as Mould type SP (short preheating) resp. Our Mould type LP (long preheating) ensures that aluminothermic rail welding becomes even more simple, safe and easy than it was before.

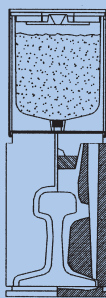
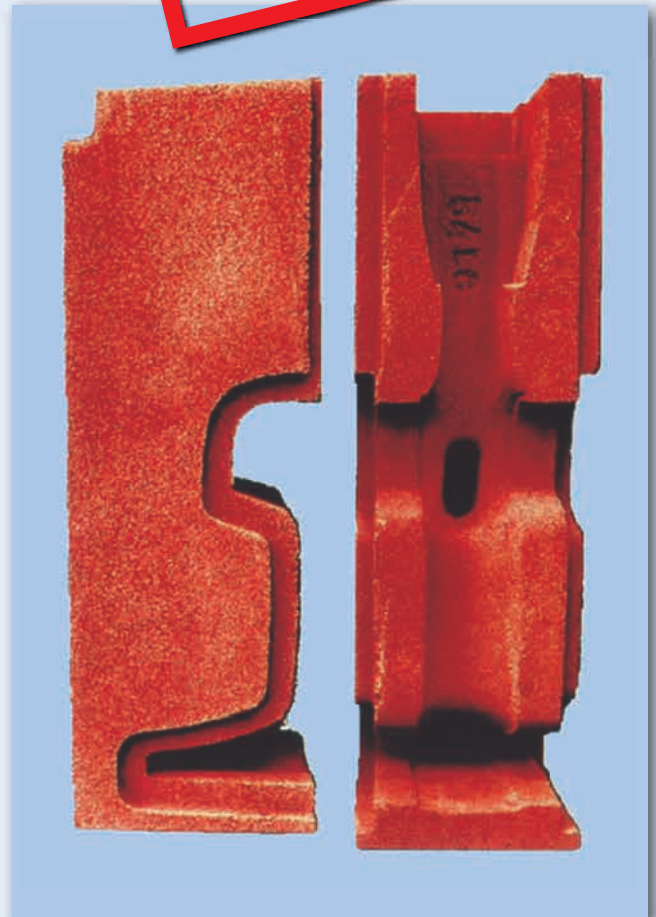
Both, the outer shape and design of our welding collars, are identical for either type of mould SP and LP. Thus only one single execution of mould-shoes is necessary for all types of rails.

Moulds of type SP (formerly referred to as SKV) weigh 20% less than the old parts, and their reduced width allows shearing with even the smallest shearing device without having to remove the top-section of the moulds with a hammer or a saw.

Above all, the sophisticated design of the welding collar as well as the extreme position of the 'foot-risers' at the rail-foot perimeter improves the heat-up effect during preheating considerably. Looking at the moulds of type LP (long preheating) the important duration of preheating can be shortened by at least 3 to 5 minutes depending on the rail profile.

The newly designed welding collars avoids possible heat-fissures (warm-cracks) in the area between rail foot and web, and furthermore prevents breakage in the rail foot centre caused by self-tension.

Additionally, the new moulds are designed with incorporated grooves to be combined with our new sealing strips, thus reducing sand-sealing.



Old-style operation!



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