



RAILWAY
SYSTEMS



JUST IN TIME DELIVERY OF ULTRA LONG WELDED RAILS

Ultra-long rails reach their destination in excellent condition

Even with the best rail care, rails eventually have to be replaced. For this large-scale job, voestalpine offers the perfect solution: just in time delivery of ultra-long rails from the welding plant directly to any construction site. The long welded rails are transported on a train specifically built for this purpose, which contains end unloading chutes to unload the rails in a controlled and safe manner. On both sides of the train, 24 rails in lengths of up to 360 metres can be unloaded in a 3 - 4 hour possession period.

Furthermore, compared to short rails, the unloading of long rails requires considerably less shunting and installation time. As a result, labour and costs are saved, while less (thermite) welding on site is required.

Benefits of long welded rails:

- » Shorter construction time
- » Faster than welding in the track
- » Less thermite welds means less vulnerable spots in track
- » Short downtime at the construction worksite
- » Possibility of retaining old rails
- » Flexible planning
- » 24/7 availability
- » TSI-certified wagons



MADE TO MEASURE RAILS

Any required lengths and qualities can be delivered at any time from the Rail Service Centres, where the made-to-measure rails are sawn and welded. And to guarantee short response times, emergency stocks are always available.

Our solutions are tailored to all volume and scheduling needs, and we ensure that all rails reach their destination in excellent condition.

INTEGRATED REVERSE LOGISTICS

Old rails can be delivered with the same train. The rail manipulator can pick up the old rails along the trackside, no other machines are needed, which saves time and costs.

The rail manipulator can pick up the old rails next to the track. There are no additional machines required.

Moreover, additional value is created through a closed loop supply chain.