



V-Freight

A full range of solutions for heavy haul
and high-density traffic turnouts

Vossloh a world leader in turnouts for all your heavy haul railway projects

Vossloh has worldwide experience in heavy haul design and construction of turnouts mastering AREMA, AS & EN standards. We can provide turnouts adapted for up to 42 axle loads, enabling a maximum speed of up to 80 km/h. Vossloh has references in severe and vast environmental conditions.

An advanced technology to meet the most extreme conditions



Australia: Axle load 32.5 – 42 T



Norway: Axle load 30 – 42 T



Mauritania: Axle load 32 T



Adapted to rail temperature range
50°C > + 70°C



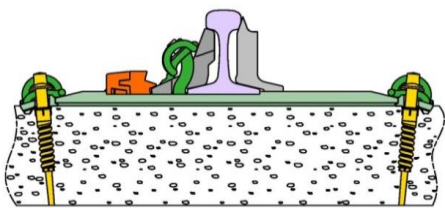
Resistant to extreme environmental conditions
such as sand, snow, storms

The heavy-haul transportation market is growing rapidly. For decades, Vossloh has supplied points and crossings to all types of networks, regardless of environmental conditions, designed for high density traffic.

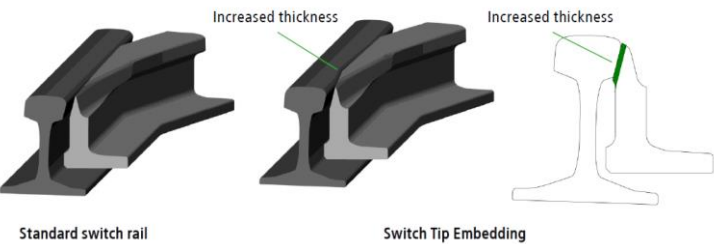
Proven and appropriate technical solutions for extreme heavy haul railway networks

Vossloh technical solutions for heavy haul

- / Pre-hardening by explosion of cast manganese crossings
- / Rails : 136 RE TW profile, heat-treated rails R350HT, R370CrHT
- / Integrated single drive point machine for crossing
- / Tangent 1/20 with swing nose crossing
- / Heavy Haul rail fastening system

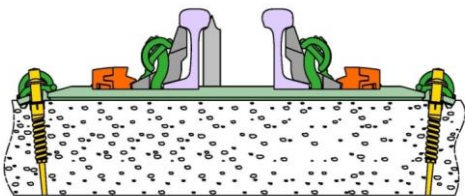


Reinforced switch



/ Switch tip embedding

- / Swing nose crossings designed for heavy haul
 - / with integrated drive device
 - / free lubrication slide plates



Swing nose crossing with W30HH



Crossing with Vossloh W30 HH fastening system
➔ reduction of maintenance costs by permanent elastic tensioning of the rail with tension clamps.

To increase the service life of equipment, Vossloh recommends the use of swing nose crossings, adapted to heavy load traffic.

Up to
50% Savings on
Life Cycle Cost

Vossloh technology ensures reliable and safe turnouts for high density traffic and improve LCC of heavy loaded track.



SUSTAINABILITY & ECO FRIENDLY @ VOSSLOH



References

Australia, Brazil, Eurotunnel, Finland, Guinea, Guyana, India, Malaysia, Mauritania, North America, Norway, Saudi Arabia, Sweden, UAE...