RailTechnology

ST RAIL GRINDING TECHNOLOGY
SILENT TRACK

RT-ST

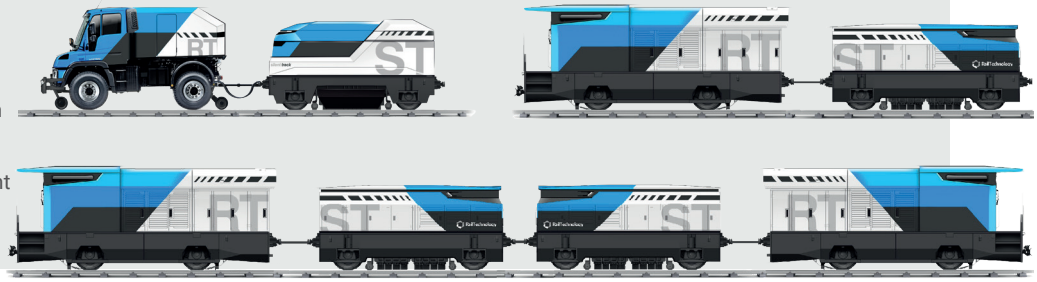
ST Silent Track Rail Grinding Technology
The next generation in high output preventive & acoustic rail grinding technologies.
Keeping rails smooth and defect free.
For Urban and Mainline Railway systems.

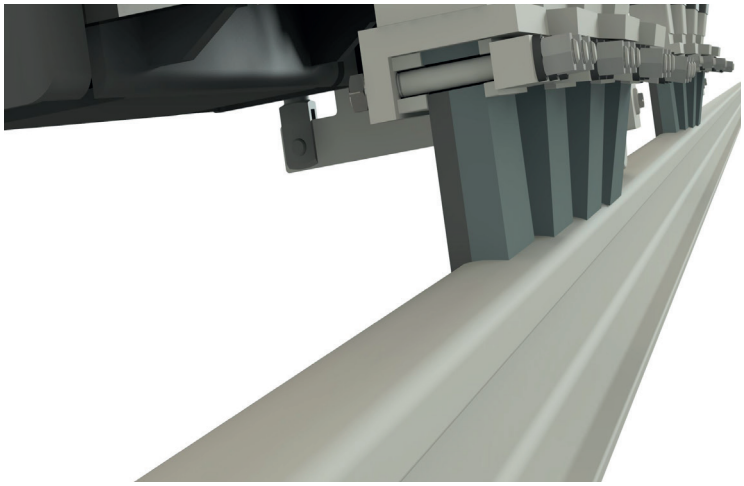
RailTechnology

Product description:
The RailTechnology ST (Silent Track) rail grinding technology is a high productive mobile rail treatment technology designed to keep rails in shape and remove rail surface irregularities and defects on both Mainline and Urban Railway systems.
The innovative spark and dust free technology is capable of removing corrugations, waves and other near surface defects in rails thereby achieving a high quality rail surface allowing for significant reductions in rail traffic noise emissions.
ST grinding technology can be integrated within compact modular units in a variety of configurations.
ST wagons can be towed behind a variety of rail mounted or road rail vehicles or alternatively they can be combined into 2-3-4 car self propelled ST grinding train configurations with up to 24 grinding stones.
Regular treatment of rails with ST grinding technology will extend life of rails significantly.

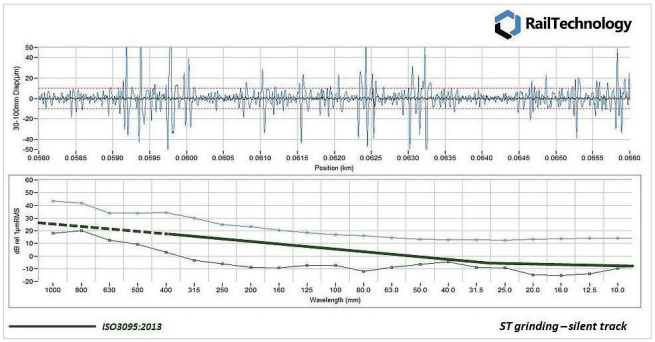
Applications:
- Preventive grinding
- Acoustic grinding
- Defect removal
- Corrugation removal
- Weld straightening

Main characteristics:
- Fits in nearly every loading profile
- User friendly, easy to operate and maintain
- Suitable for tracks and switches
- For Mainline, Metro and Tramway systems
- Suitable for use in deep tunnel environment
- Modular concept
- No sparks, No dust, No noise!





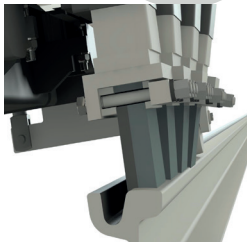
ST (Silent Track) grinding technology is suitable for both Vignola and grooved rails, in tracks and in switches.



Excellent rail surface finish is achieved with ST grinding, finish meets the standards for acoustic rail roughness.

ST GRINDING

Preventive grinding
Corrugation removal
Acoustic grinding
Weld rectification



FROM THE SPECIALISTS IN INNOVATIVE RAIL EQUIPMENT AND TECHNOLOGIES