



## We put rails back into shape.

Innovative machines and systems for efficient rail maintenance



Since its founding, Autech AG has established itself as a competent supplier of efficient welding and grinding machines for servicing railway infrastructure.

Through our existing know-how, we are able to market suitable machines and measuring devices for the efficient maintenance of rail tracks worldwide. Thanks to in-house engineering, we can take the customer's individual needs and requirements into consideration.

Optimised maintenance management of your railway infrastructure provides the following advantages:

- Increased operating safety
- Significant noise reduction
- Extension of the service life of the railway infrastructure
- Reduced wear of the wheel/rail and vehicle
- Fewer operating failures
- Increased ride comfort

AT 2200



The portfolio of our rail grinding vehicles was especially designed for tramways and regional railways. Due to the compact construction of AT 2200, proven user-friendliness and minimum onrailing and offrailing time of less than a minute, economical working at train intervals from 10 minutes on is possible.

The vehicle is fully operable on switches and guarantees high-quality, extremely efficient operation even when negotiating tight curves. A variable track gauge, bogie or specific switch grinding unit are available upon customer request.

RML 9000



Based on state-of-the-art laser technology and fast calculating algorithms, the RML 9000 grinding process controller simplifies operation and aids personnel in making technical grinding decisions.



VM 8000



The efficient, extremely compact VM 8000 rail grinding vehicle has four-wheel steering. Due to the minimum clearance profile, it permits the processing of both inner-city and subterranean areas. Analogous to the AT 2200 series, additional options like RML9000, a switch grinding unit or a variable gauge is possible.

AT 1003



The AT 1003 rail grinding system consists of two grinding shafts and was constructed on an electrical basis. An external power source is required for use.

AT 3389-8



The autonomous AT 3389 rail grinding system was designed for grinding and reprofiling problem areas in grooved and Vignole rails. A thorough processing of switch equipment also makes an optimum servicing strategy possible. Due to its modular design, the system can be manufactured in different versions and with a varying number of grinding shafts.

AT 3314



Thanks to the implemented belt-slip technology, the HGS module enables the removal of dirt such as ground-in leaves or grease from the rail head. An additional area of use is rolling contact fatigue, whereby a minimum amount is eroded from the surface of the rail.

Use up to a speed of 80 km/h on your railway network whilst trains are running is possible.

# Welding

AT 4006 SE



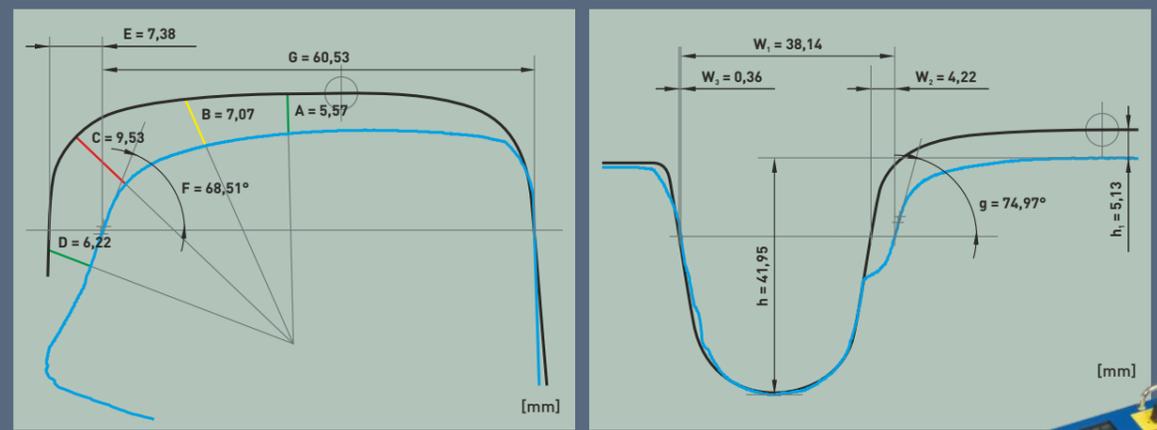
Weld-cladding and tempered welding extend the service life of high-traffic tracks. Due to its compatibility with solid and flux-cored wires and welding tapes in submerged-arc or open-arc welding, the AT 4006 SE automatic welding machine guarantees efficient and flexible processing.



# Measuring



## RailMonitor RML 3000



Multifunctional rail profile measuring device with high-precision laser technology. User approval through DB Netz AG. Also see the "Predictive Rail Maintenance Technology" brochure.

