



Mobile Welding

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An Economical Evolution for Highest Quality Welds

TECHNOLOGY

Flash-butt welding is state-of-the-art technology when it comes to welding rails. Today it is used in practically all stationary welding plants producing long welded rails. The absence of any contaminants or fillers in the weld is the key to superior quality.

In order to obtain comparable quality in welds performed directly at the construction site, mobile flash-butt welding machines are technically and economically an ideal solution. Mounted on road-rail or rail-bound vehicles, these machines offer a high level of flexibility and quality for the production of continuously welded rail.



PERFORMANCE

- Speed on road (road-rail-machine): 80 km/h
- Fast Rerailing
- Speed on tracks: 50 km/h
- Compressive Force: 600 kN
- Automatic removal of flash
- Welds per shift: 35 – 40

ADVANTAGES

- Economical alternative to conventional mobile welding technologies, e.g. aluminothermic welding
- Highest quality through continuous process control
- Automated alignment of rails before welding
- Superior flexibility through road-rail technology
- Deployment: Mobile or semi-stationary

REFERENCES

- Over 15 years of experience in mobile flash-butt welding
- Several mobile flash-butt welding machines in use
- Completed projects on three continents
- Welding on 300 km/h high speed lines
- 4 stationary welding plants in operation
- European market leader in flash-butt welding

