

MOBILE WELDING



Progress Rail's Welding Division is a market leader in welding programs and equipment to improve weld performance and quality. Working with our international affiliate EO Paton, Progress Rail has developed a narrow head welder for our mobile units. This head can be used with our extended boom trucks when welding turnouts and in tight confines.

Progress Rail's new fleet of 250-ton AC mobile welders have external pullers for closure welds, expanding our mobile offering of 180-ton fully integrated heads, extended boom units and excavator mounted welders.

Progress Rail also has autonomous rail butt preparation and spot polishing system for fixed plant applications. In preparation for welding, this system automatically cleans rust and mill scale from the rail butts and electrode contact areas, without penetrating into the parent material. The system requires no operator interaction for improved safety and compensates for abrasive wear.

Enhanced Process Control

Progress Rail's latest generation 250-ton AC mobile welder uses a cutting edge control system. The system combines a fully integrated, multi-processor controller with a proprietary operator interface software suite.



Our customers are always interested in improving equipment utilization and dependability. This drove the development and implementation of our new weld data trending and analytic tools. These tools are used to identify variances in material, equipment, and the environment.

Progress Rail's enhanced sampling and curve fit routines accurately predicts reactive track forces during forging to ensure the proper forging force is applied to every weld.

Progress Rail is developing a high tonnage fully integrated welding head. This AC unit will provide closure weld capabilities without the use of a separate puller.

Progress Rail

A Caterpillar Company

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