

PRODUCTION TIMES REDUCED AND WELDING QUALITY IMPROVED

THE ITALIAN FAMILY-OWNED COMPANY IS WELDING UP TO TWICE AS FAST WITH LORCH WELDING TECHNOLOGY

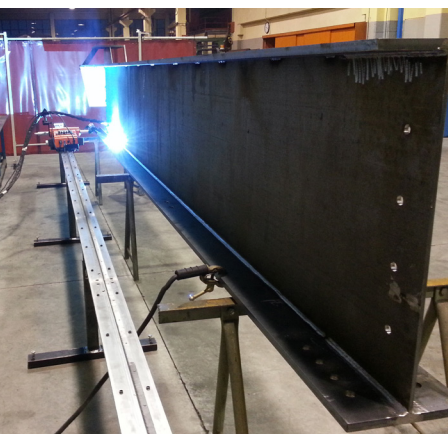
Amoretti Costruzioni S.r.l., headquartered in Calestano in the Parma region, is an Italian family-owned company that is looking back at a long history. Founded more than 60 years ago, it initially specialised in the production of forged iron fences and gates. Since then, it has developed into a modern metal processing company that meets all customer requirements in metal construction and design. Its range is diverse, comprising not only metal processing of steel and stainless steel but also production of stainless-steel containers for food transport and mechanical engineering for the pharmaceuticals, glass, and food industries. The company uses comprehensive, state-of-the-art machinery. Where welding is concerned, Amoretti is relying on welding technology by Lorch. The S-series for high-end MIG-MAG welding, TIG systems of the V-series, a welding tractor,

and two MicorMIG systems in FullProcess equipment not only allow the company to reduce production times and to relieve employees, but also clearly increase the quality of its welding results.

OUR CUSTOMER AT A GLANCE

AMORETTI COSTRUZIONI S.R.L.

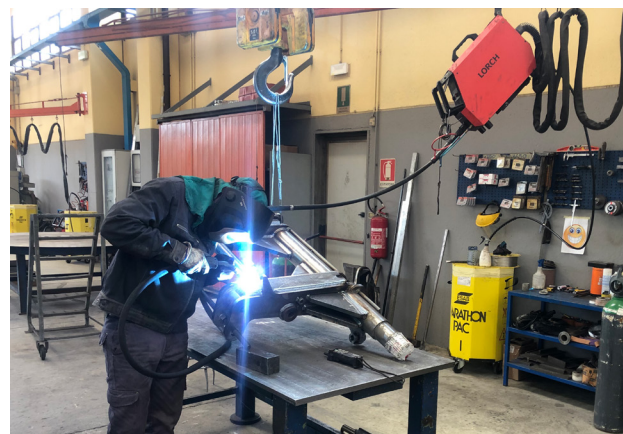
- Calestano, IT
- 14 employees
- Metal construction
- www.amoretticostruzioni.it



Quick and simple programming: The Trac RL Pro relieves welders and ensures excellent longitudinal and curved welds.



Managing the company in the third generation already: Igor Amoretti (left) and his brother Davide Amoretti (right) depicted with their father Umberto Amoretti (centre).



High welding accuracy at best weld quality: the S-series with SpeedPulse-XT forms the backbone in everyday work at Amoretti company.

S-series, V-series, MicorMIG FullProcess systems, welding tractors

AMORETTI IS PROFITING FROM INNOVATIVE WELDING PROCESSES AND PARTLY AUTOMATED WELDING TECHNOLOGY

Lorch welding technology with its broad basis has many advantages for Amoretti in a vast range of welding tasks. The S-series with its innovative SpeedPulse-XT welding process enables the company to not only weld considerably faster, but also ensures visually impeccable weld seams. A lower heat application also improves control of undesired part deformation. The Lorch V-series with best performance even at long duty cycles and power stands out in TIG welding. Contact-free HF ignition ensures a stable arc and optimised material transition while the automatic end current reduction warrants a perfect weld seam end with clean filling of the end crater. The pulse

function of up to 20 kHz also allows outstanding weld pool control and warrants perfect results even at difficult tasks. The MicorTwin welding process completes demanding exposed MIG-MAG welds in a TIG-look. This is one from a vast range of processes the Lorch MicorMIG FullProcess systems can offer. The process ensures perfect weld appearance at up to twice the welding speed. The partly automated Trac RL Pro welding tractor is a practical aid when welding long longitudinal and curved seams. It is easy to program, can be applied quickly to any workpiece, and independently and reliably takes care of performing the weld seam, enormously relieving the welders.



"The high level of processes Lorch is offering us with these machines enables us to give our customers weld seams that represent veritable pieces of art."

– Davide Amoretti

INFO



S-series

www.lorch.eu/en/products/manual-welding/mig-mag-welding/s-series



MicorMIG-series

www.lorch.eu/en/products/manual-welding/mig-mag-welding/micormig-series



V-series

www.lorch.eu/en/products/manual-welding/tig-welding/v-series



Welding tractors Trac RL Pro

www.lorch.eu/en/products/automated-welding/mechanised-welding/trac-rl-series