T-PRO-SERIES

WELDING STAINLESS STEEL CLEANLY, QUICKLY, AND PRECISELY

THE WELDING PROPERTIES AND OPERATING CONCEPT OF THE T-PRO HAVE CONVINCED AT MICHELFELDER

Michelfelder Edelstahltechnik GmbH offers innovative solutions in stainless steel technology, sealing technology, metal and laser technology, and short tube production. About 70 percent of all orders are for stainless-steel products where the quality requirements to weld seams are particularly high. The weld seams must be perfectly smooth and pore-free in particular in hygienically demanding applications, such as in food technology or medical technology, preventing impurities from settling in gaps or depressions. The company has converted all of its TIG welding equipment to Lorch as part of a business expansion. The decisive factor was not only the excellent welding properties of the T-Pro that meet the exceedingly high requirements of customers for stainless-steel welding, but also the simple operating concept and the welding documentation option.

OUR CUSTOMER AT A GLANCE

MICHELFELDER EDELSTAHL-TECHNIK GMBH

- Fluorn-Winzeln, DE
- 250 employees
- www.michelfelder.de

Easy operation:
The systems are quick and easy to explain thanks to the "3 steps to weld" operating concept of Lorch's T-Pro-250.

The energy input can be controlled with perfect precision with the T-Pro. This is extremely important when welding thin sheets.

The best of weld seams:
The weld seams must not have any depressions or pores in order to prevent the development of corrosion or microbes.

Interval spot function, job memory, Q-Data welding data documentation system

SAFE AND EFFICIENT WELDING WITH THE T-PRO-250 EVEN IN DEMANDING STAINLESS-STEEL APPLICATIONS

Weld seams in the thin-sheet range of 1.5 mm are easy to master with the T-Pro thanks to innovative features. An interval spot function integrated as a default option in the inverter welding units pulses at up to two kilohertz while reducing distortion when processing thin sheets due to the precise and perfectly coordinated energy transfer. The arc can also be optimally controlled with the help of the Lorch expert database Smart Base. A user-centric operator guidance system permits detailed welding sequence control via the arrangement of the illuminated symbols.

Further benefits: The simple operating concept makes it possible to deploy welders across language borders, while the Tiptronic job memory permits storage and retrieval up to a hundred welding tasks at any time. On top of this, all welding data can be recorded and documented just in time via the Q-Data welding data documentation system connected via Lorch NET.

"We get the outstanding weld seams that we need for our demanding customers. The energy input of the T-Pro is perfectly precise, as is vital for our products that are mainly made of thin sheet metal."

– Werner Huprich, managing director

FACTS

- Best TIG welding properties due to inverter technology
- Simple operating concept
- Interval point function for lower distortion when processing thin sheets
- SmartBase expert database for the optimum arc
- Precise welding data documentation with Lorch NET and Q-Data
- Tiptronic job memory for up to 100 welding tasks