

WELDING TRACTORS SOLVE ISSUES WITH LONGER SEAMS AT GIPO

LOWER STRESS AT SIGNIFICANTLY HIGHER PRODUCTIVITY AND QUALITY

Swiss company GIPO a leading manufacturer of track-mounted, fully hydraulic rock crushers. The chassis of these gigantic machines are made almost entirely of S 355 sheet steel. Load-bearing elements may sport sheet thicknesses of up to 30 millimetres, with weld seams subject to extreme forces when the minerals are crushed. As a result, the many, extremely long weld seams in many areas of the chassis must have the highest quality. The company uses the Lorch Trac Wheel Pro welding tractor for particularly long and critical weld seams. Not only does it increase safety, it also significantly reduces costs.

OVERVIEW

GIPO AG

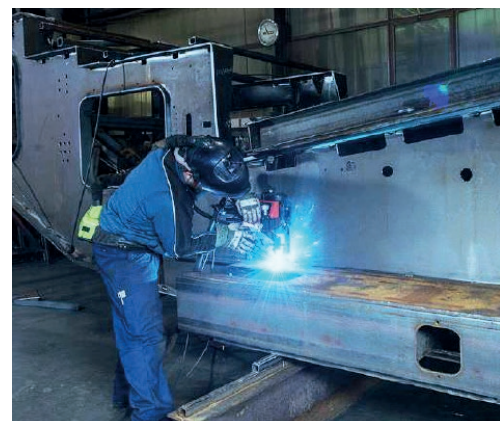
- Seedorf, Switzerland
- 160 employees
- Processing systems
- www.gipo.ch



The tractor advantage for a perfect weld seam from start to finish. The optimal weld setting prevents spatter and eliminates time-consuming rework.



The detailed view also shows how even the weld seam performed by the tractor is.



Set up the unit, adjust the values, and start welding. A magnet allows easy fastening of the tractor, while a high-performance motor ensures a precise welding speed.

The entire welding solution as used by GIPO

LORCH TRAC WHEEL PRO WITH THE S-SERIES, SPEEDPULSE XT AND SPEEDARC

The Lorch Trac Wheel Pro is a highly portable and easy-to-program welding tractor, designed for particularly demanding longitudinal and curved seams and capable of handling weld seams with large seam volumes. GIPO AG uses the powerful S series from Lorch as the welding current source and works with the innovative SpeedPulse XT and SpeedArc welding processes. The tractor has already proven its worth in just a few months. The machine is two or three times faster than manual welding, with a consistently excellent weld seam. Welders at GIPO used to have to start over at least three or four times in order to complete the weld seam, which is more

than 4.5 metres long, in particular for very difficult weld seams, such as the one on the box for the mobile chain drive. Grinding of the weld seam and the processing of the transitions consumed valuable working time. The tractor creates an uninterrupted weld seam of the highest quality from start to finish. This also eliminates the otherwise very time-consuming rework. Another advantage is that the set and stored data allow reproduction of the weld seam on other chassis again and again at a consistently high quality. This saves an enormous amount of time and also extremely increases safety.



"The Lorch Trac Wheel Pro is two or three times faster than manual welding with a consistently excellent weld seam."

– Marco Planzer, manager locksmithery

FACTS

- Short setup times
- Easy operation
- Uniform weld seams in top quality
- Easy reproducibility of the weld seams
- No time-consuming reworking
- High economic efficiency due to low investment and Plug&Weld concept
- Two to three times higher welding speed compared to manual welding

