



More Retrofit

Cutting

Engineering

RETROFIT

Kjellberg
FINSTERWALDE

FACTS

Task

- ✓ Complete renewal of the control system
- ✓ Refurbishment of mechanics
- ✓ Touch screen and remote control
- ✓ Replacement of cables and renewal of energy chains
- ✓ Seam tracking with tactile sensor
- ✓ Optical tracking via laser pointer and camera
- ✓ Replacement of power sources

Welding Plant

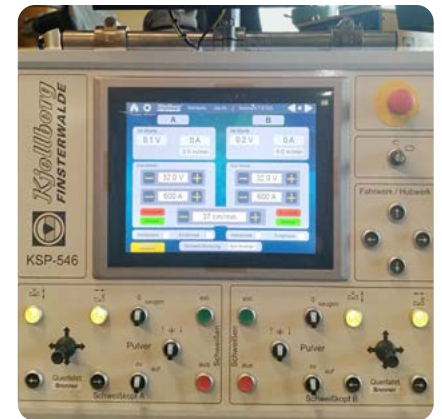
- ✓ SAW column and boom with two height axes for welding of steel profiles
- ✓ Built approx. 1995 by Kröger, renewal 2020
- ✓ Switchable welding axes (trolley, transverse axis)
- ✓ Two welding heads with long torch
- ✓ Two Kjellberg power sources GTH 1002
- ✓ Flux circuit with fine dust separator
- ✓ Control cabinet installed on carriage

Welding of structures for stadiums and halls

Modernisation of welding mast for beam production

The task was a challenging one: with only a short interruption in the production, the SAW mast was to be overhauled and modernised. It had been working reliably for 25 years and the welders were familiar with it, so that a new construction was out of the question for the customer, the Stahl- und Anlagenbau Schädlich GmbH.

The boom was dismantled for a few days and taken to Kjellberg for refurbishment. In the meantime, the complete control system was prepared electrotechnically and then assembled on site together with the welding equipment and the boom. The final programming was also carried out here in close coordination with the welding supervisors' wishes. An introduction to the new control technology rounded off the order. Since mid-2020, the plant has been operating without any complaints.



Before - after: A welding database is now an integral part of the control system. The welder reproduces the welding results at the push of a button, thus ensuring a consistent quality.

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