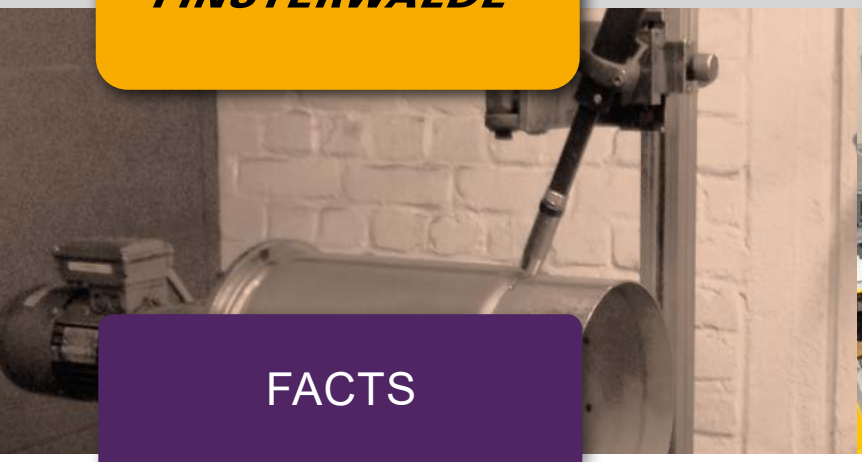
Kjellberg® FINSTERWALDE

More Retrofit

Cutting | Engineering | RETROFIT | Hardfacing



FACTS

Tasks

- ✓ extension of torch holder with tripod by motoric linear axis
- ✓ adding of scanning device and seam tracking system near the welding position
- ✓ connection with existing circumferential seam welding plant
- ✓ small budget

Welding plant previously

- ✓ MIG welding plant with tripod and manual adjustment in X and Y direction
- ✓ Motoric rotating unit for small diameters
- ✓ Welding of flanged seams on stainless steel boilers

Precise Seam Tracking for Little Money

MIG Welding of Jacketed Boilers

For safe height control, the simple torch holder was equipped with a laser sensor. A scanning near the arc was not possible because of possible interfering contours, high temperatures and light radiation. The selected laser sensor detects the weld seam at a distance of 300 mm.

The torch is guided by means of the motoric axis. The control and correction are carried out via an easy, self-explanatory manual control panel.

A stable tripod was adapted to the existing structure with the linear axis.

Detail: The manual positioning in X and Y direction is still possible as well as the height correction via manual control panel

THE ORIGINAL MADE IN GERMANY SINCE 1921

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