



SPECIAL MACHINE CONSTRUCTION

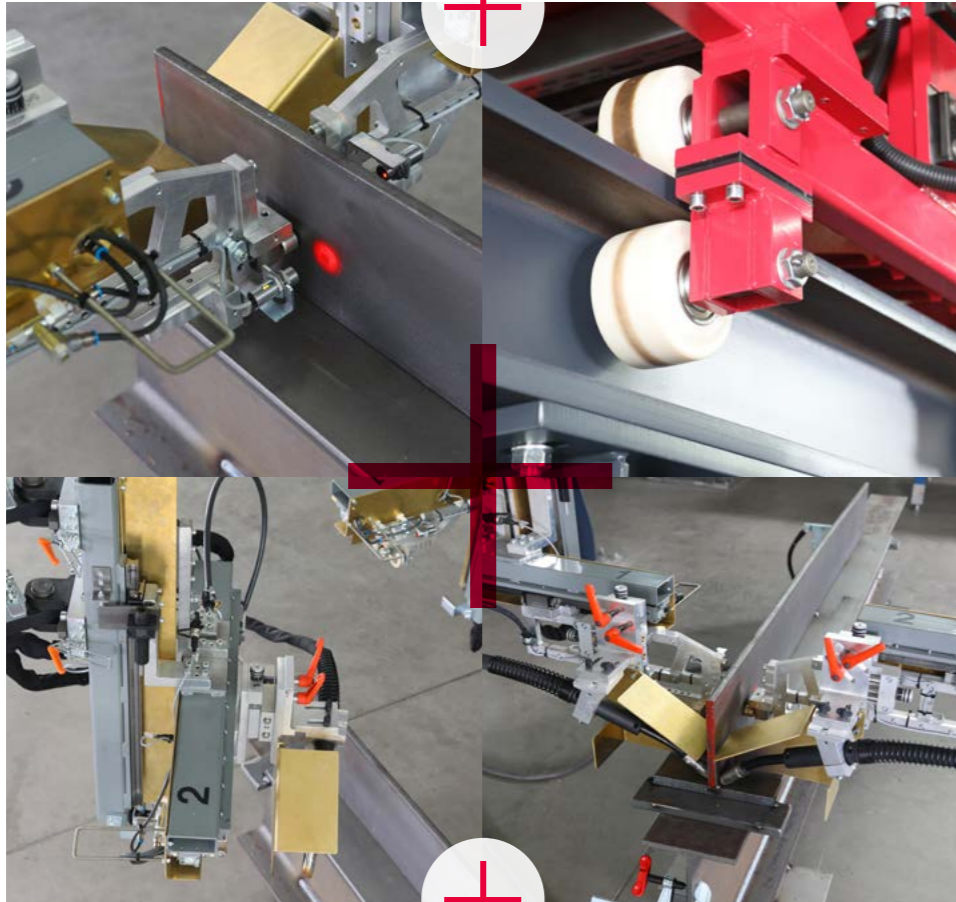
# ALPAKA portal welding system

AUTOMATED  
WELDING FOR SPECIAL  
BEAMS



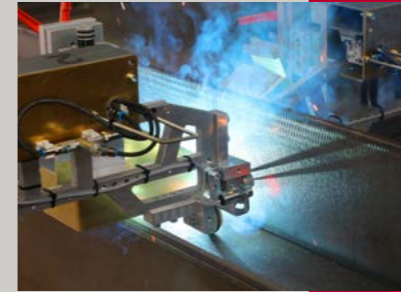
Automatic carrier detection and home position travel after the welding process.

Robust machine design.



Rotating function heads.

Flexible adjustment of the welding heads including splash guard.



Fully automatic welding



Precise axle guides



Easy maintenance access



- Fully automatic welding taking into account penetration depth
- Reduction of: a Dimensions, energy consumption, filler material, welding time and working time as well as welding errors – potential savings of up to 60%
- Turnkey solution including setup, commissioning and training
- Automatic edge tracking in the space of +/-150mm
- Parallel welding with 2 current sources - continuous, interrupted on both sides or alternate sides
- Maintenance friendly
- Manual presetting of the welding heads to the workpiece
- Automatic start-up of the welding heads
- Automatic home position travel after end of welding process

Further information can be found here:



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# Let the welding run automatically

As a steel construction company, you face many challenges. And because ALPAKA stands for innovation, we have developed a portal welding system for automated welding. Produce long and straight weld seams for special beams and save up to 60 percent material and energy. Use the advantages of automated welding for your company.

Welding arm can be folded to the machine



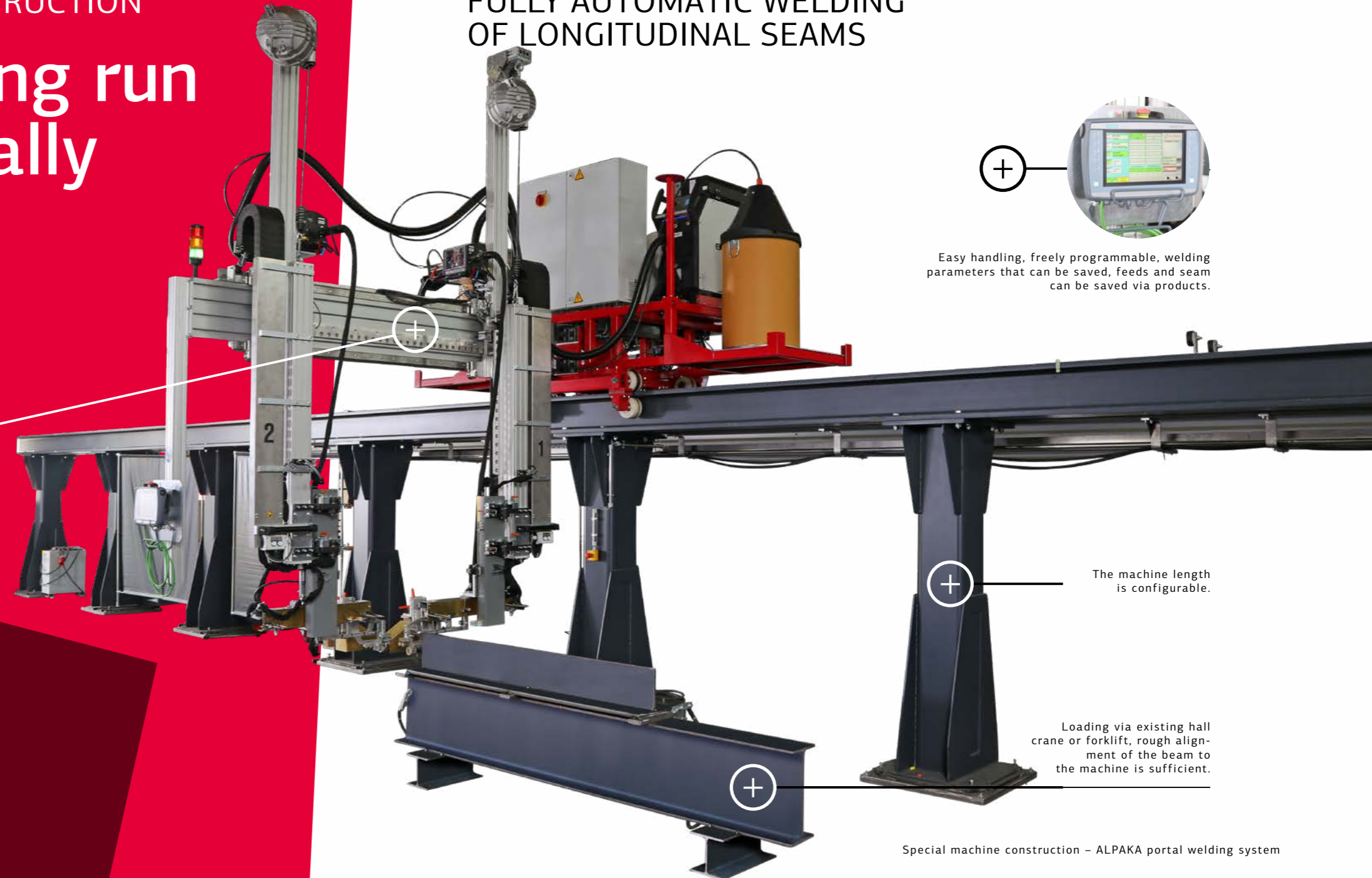
Dimensions when folded:

Travelling distance	16,000 mm
Max. girder height (standing)	1,600 mm
Max. beam width (standing)	1,000 mm
Seam tracking +/-	150 mm

## FULLY AUTOMATIC WELDING OF LONGITUDINAL SEAMS



Easy handling, freely programmable, welding parameters that can be saved, feeds and seam can be saved via products.



The machine length is configurable.

Loading via existing hall crane or forklift, rough alignment of the beam to the machine is sufficient.



ALPAKA INNOVATES

# Get in touch with us today



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