



- Worldwide leading manufacturer of welding positioning and cutting machines for the welding trade, especially for the automation of cutting and welding processes
- The Kistler company will not only supply a large range of standard equipment (such as positioners, turning rolls, manipulators etc.) but also design and manufacture automation equipment according to customer's specific needs

- ▶ Vertical H Beam Welding Lines are dedicated machines designed for the continuous production of welded I and T Beams, either parallel or tapered
- ▶ No tack weld welding is required except at the leading edge, after the Web has been aligned on the center line of the Flange
- ▶ Initially the Web and first Flange are fed into the machine, the welding is carried out simultaneously from both sides of the Web over the full length of the Beam
- ▶ After completion of the first Flange welding, the section is turned 180° and the alignment and welding operation repeated with the second Flange

LBL- Range



Specifications

Specifications	1250 MD		2000 MD	
	min.	max.	min.	max.
Web heights in mm	200	1 250	200	2 000
Web thickness in mm	4	25	5	30
Flange width in mm	100	600	100	1 000
Flange thickness in mm	5	40	6	50
Weight in kg/m	-	1 000	-	1 000
Length in m	6	12	6	12

Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

 **KISTLER**
CUTTING AND WELDING TECHNIQUES

LBL-

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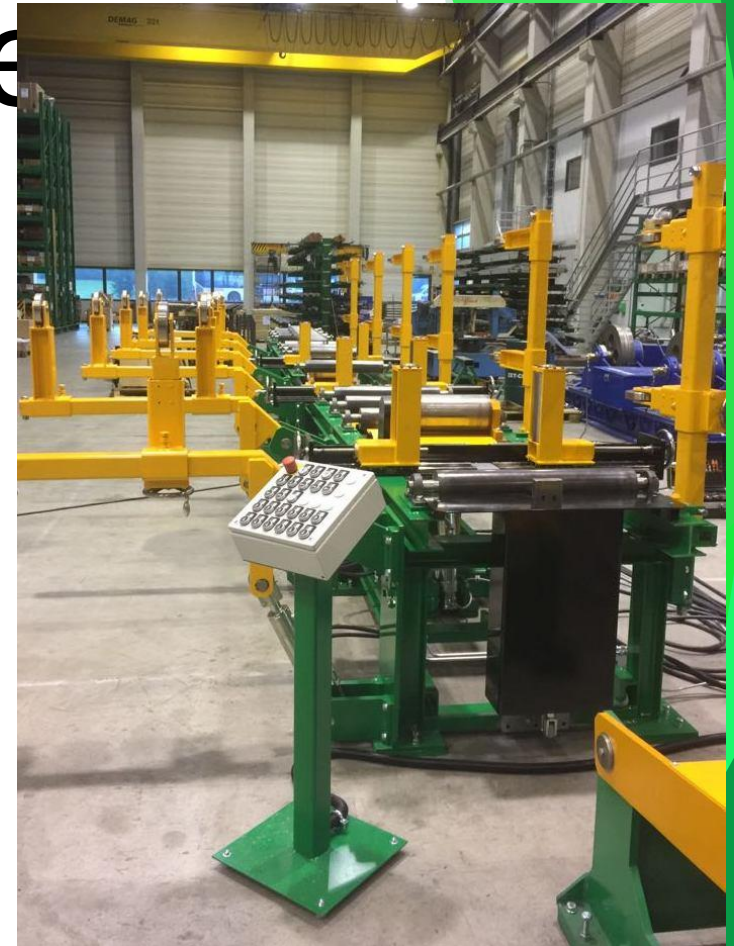
Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

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CUTTING AND WELDING TECHNIQUES

LBL-



Company Profile

Vertical H Beam Welding Lines

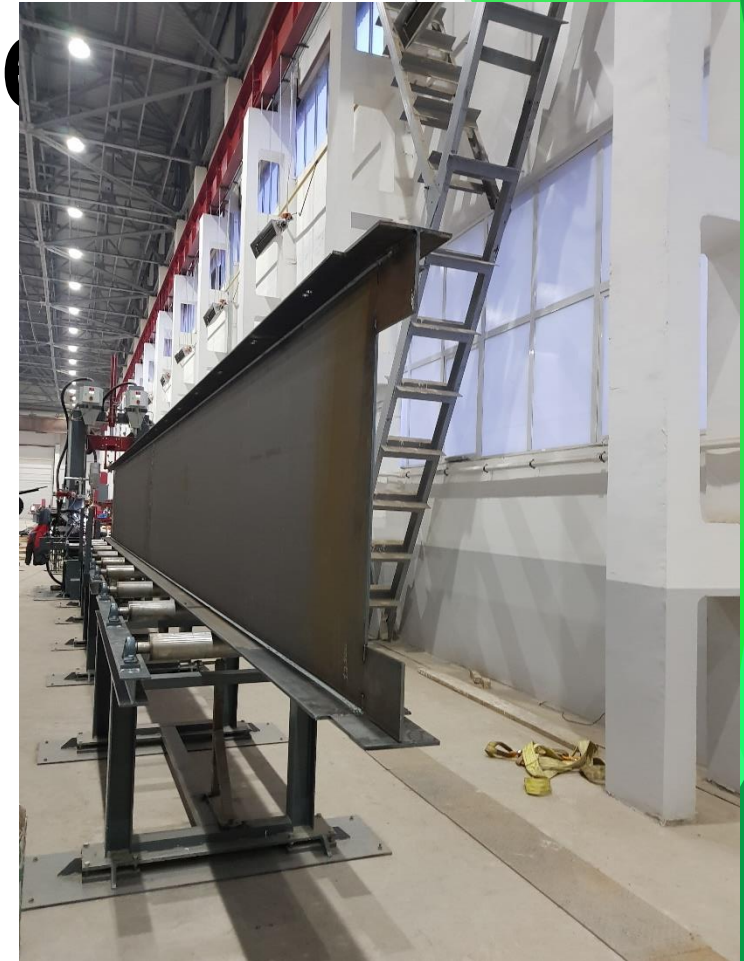
Horizontal H Beam Welding Lines



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



Company Profile

Vertical H Beam Welding Lines

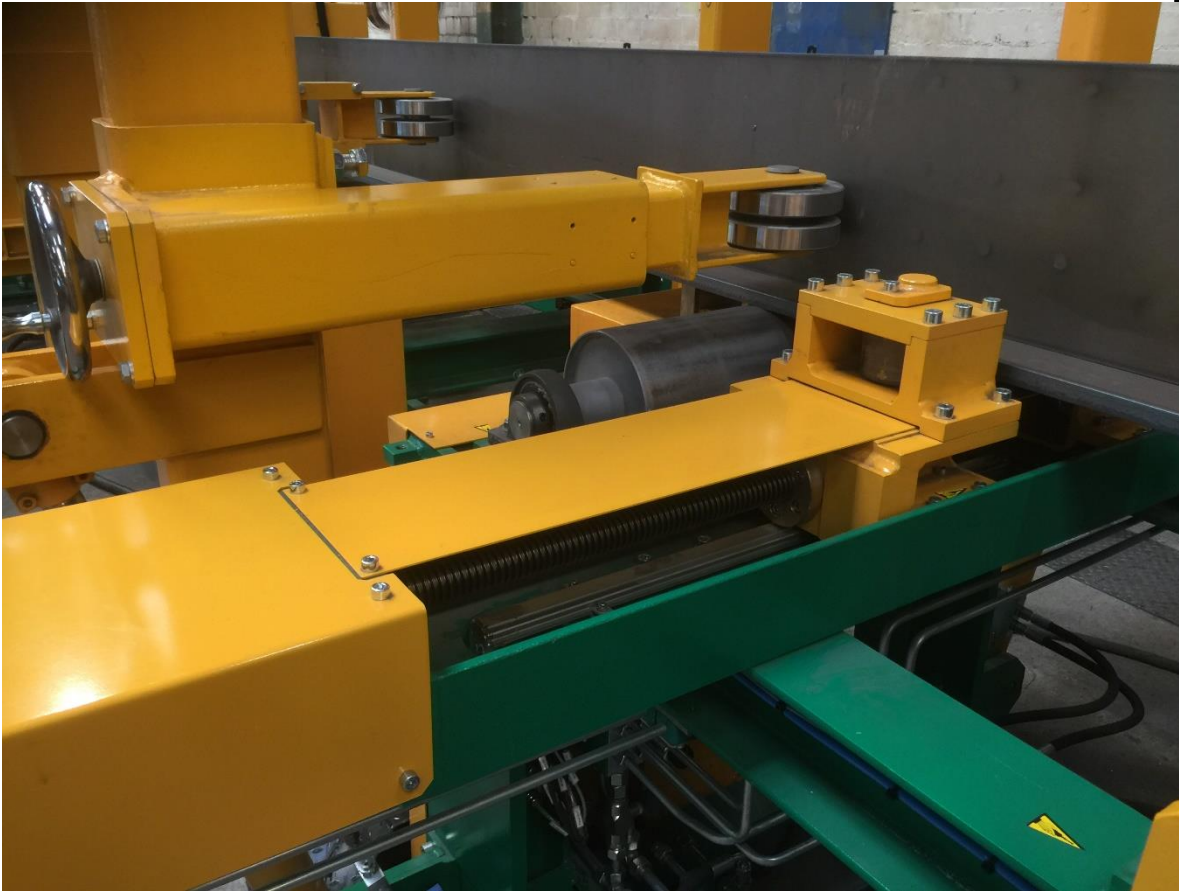
Horizontal H Beam Welding Lines

VBL- Range

Specifications

	Small		Medium		Large	
	min.	max.	min.	max.	min.	max.
Web heights in mm	180	2 000	200	3 000	250	5 000
Web thickness in mm	8	25	8	30	8	50
Flange width in mm	100	1 000	150	1 250	100	2 000
Flange thickness in mm	8	50	8	50	8	100
Weight in kg/m		1000		2 000		3 000
Length in mm	2 000	25 000	2 000	45 000	2 000	45 000

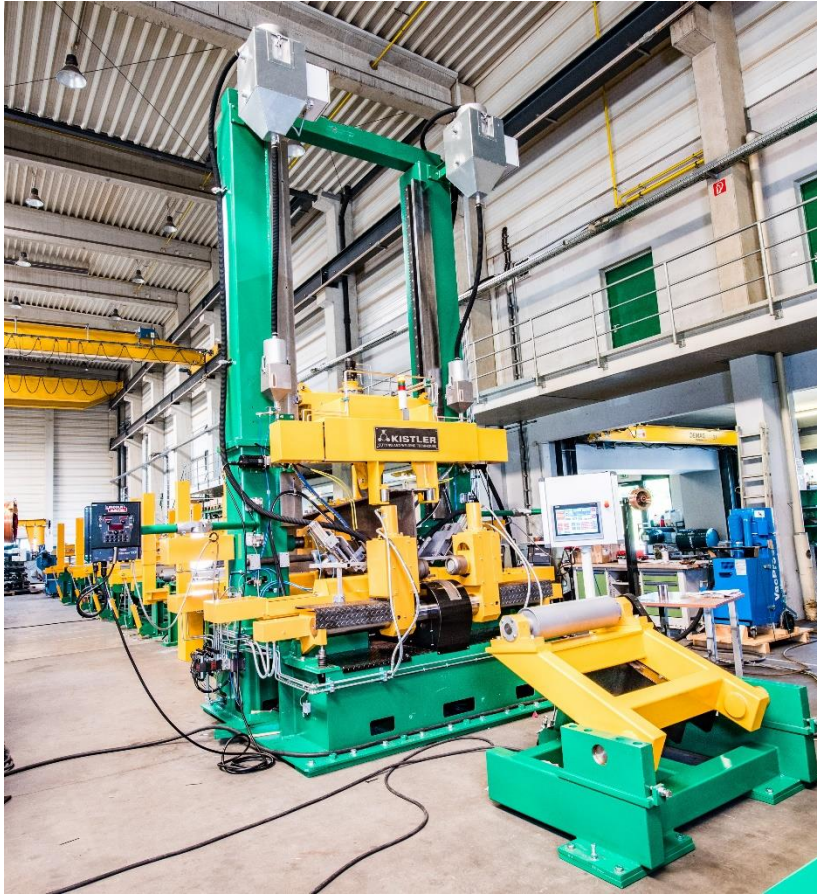




Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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CUTTING AND WELDING TECHNIQUES

VBL-



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



Dr. Guntram Winterhalter, CEO of the Schauenberg company:
 „After intense market analysis and comparing of the different suppliers the machine of the Kistler company has impressed us the most.

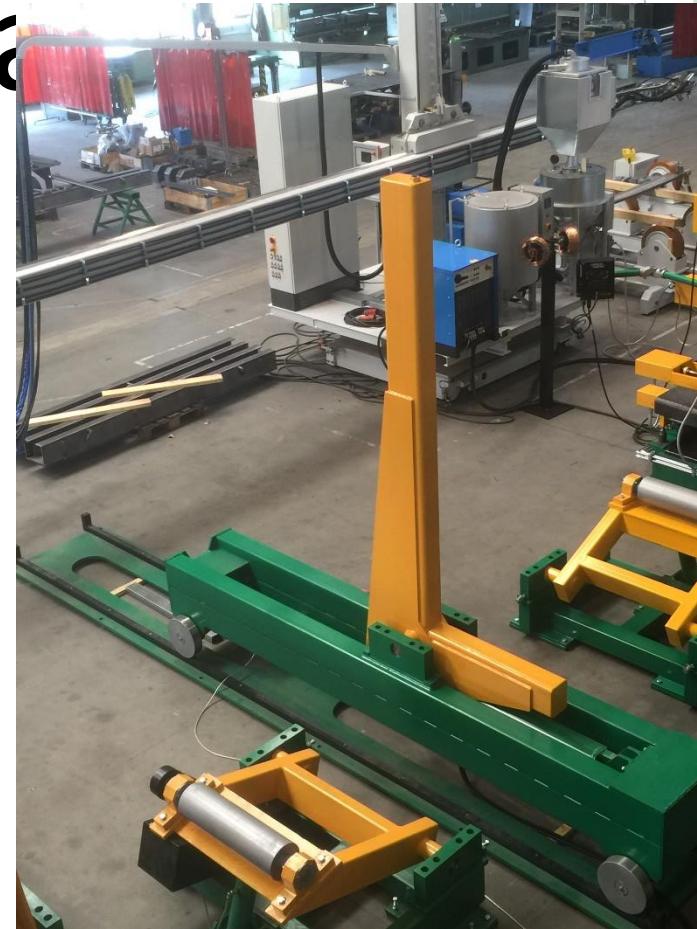
We are convinced that we have made the right choice with the VBL 3.000 /1.250-12.000. Made in Germany shows highest quality and apart from that we found a reliable partner in the Kistler company that is able to provide a good and fast after sales service due to the spatial proximity.”



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



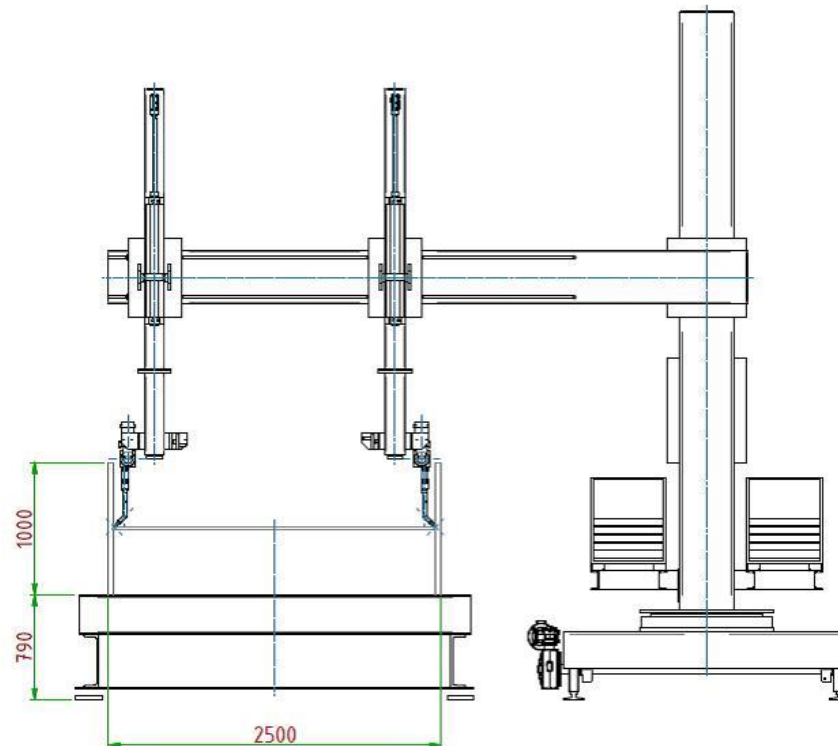
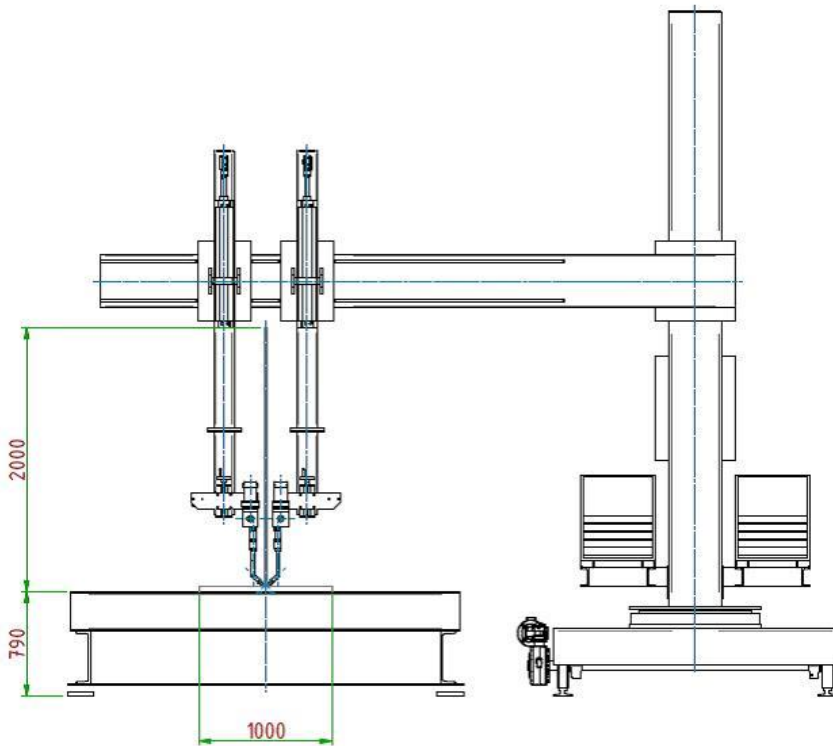
Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

- ▶ The TRC-F fixture is suitable for welding of either tapered or parallel H Beams with Web in horizontal position without tack welding
- ▶ It can be used also for cambered or curved Beams as well as all type of Box sections
- ▶ The TRC-F Column & Boom for H or Box Beams is welding with two heads in submerged arc and electronic guidance system
- ▶ Additional to the Column & Boom the Assembly Jig is used to assemble Beams without tack welding
- ▶ Indicative Beams dimension:
 - ▶ Web height: 200-2500 mm
 - ▶ Flange height: 150-1000 mm
 - ▶ Beam length: In accordance with customer request

Possible Applications

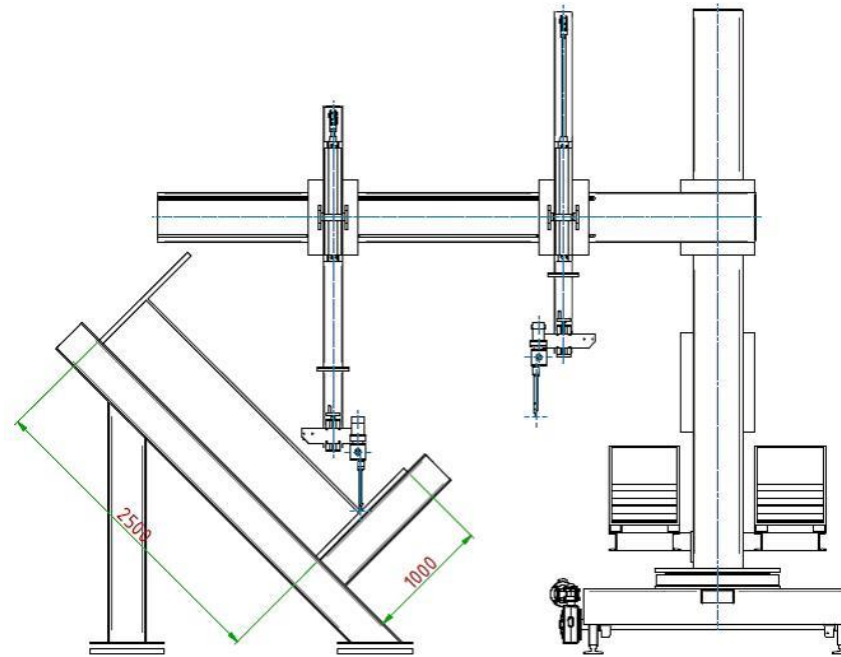
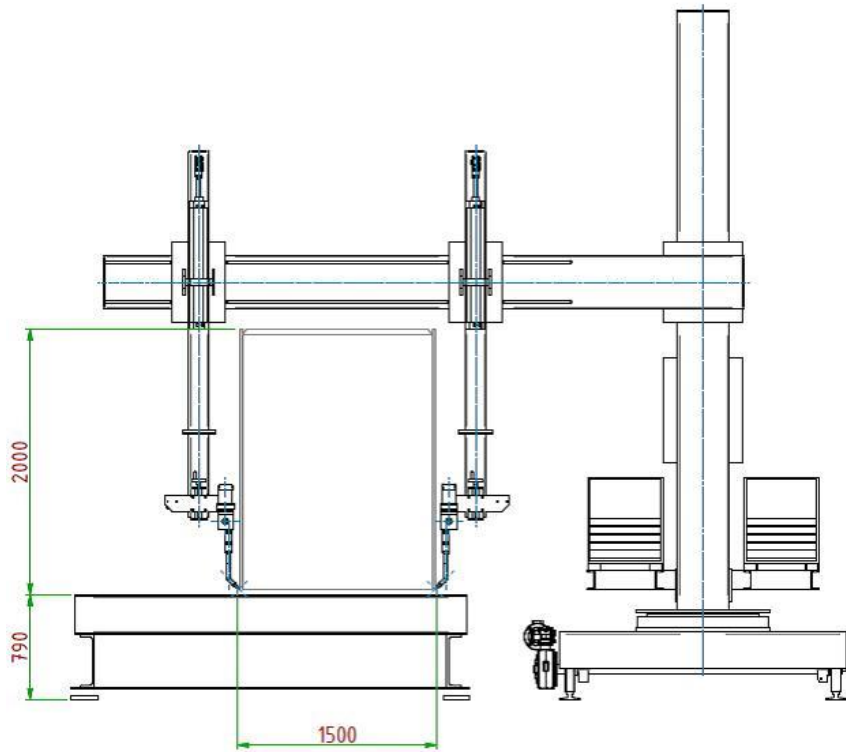


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

Possible Applications

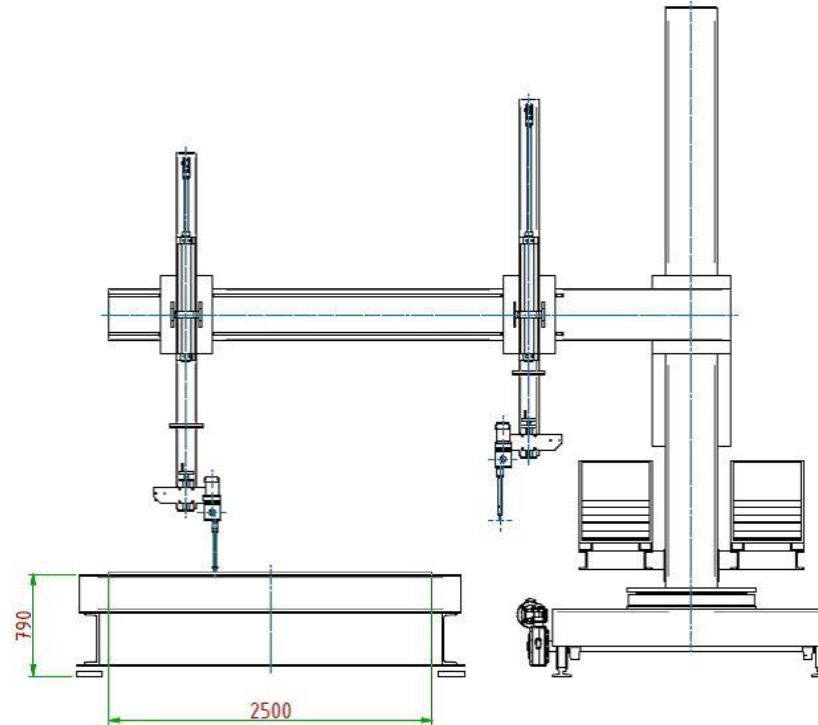
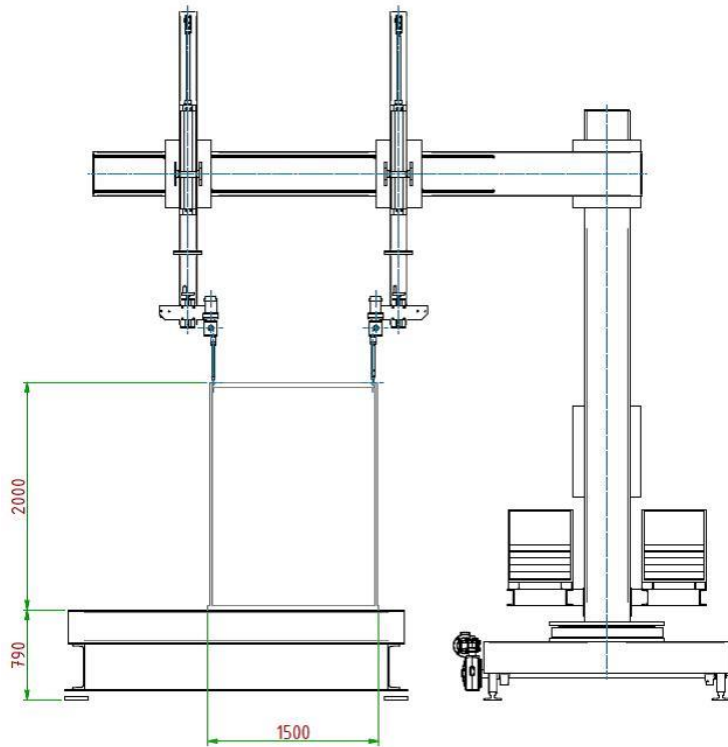


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

Possible Applications

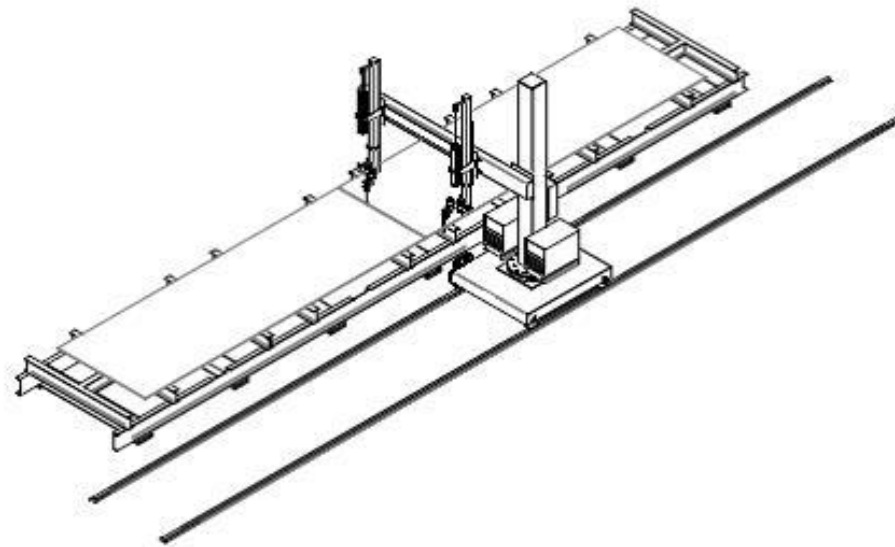
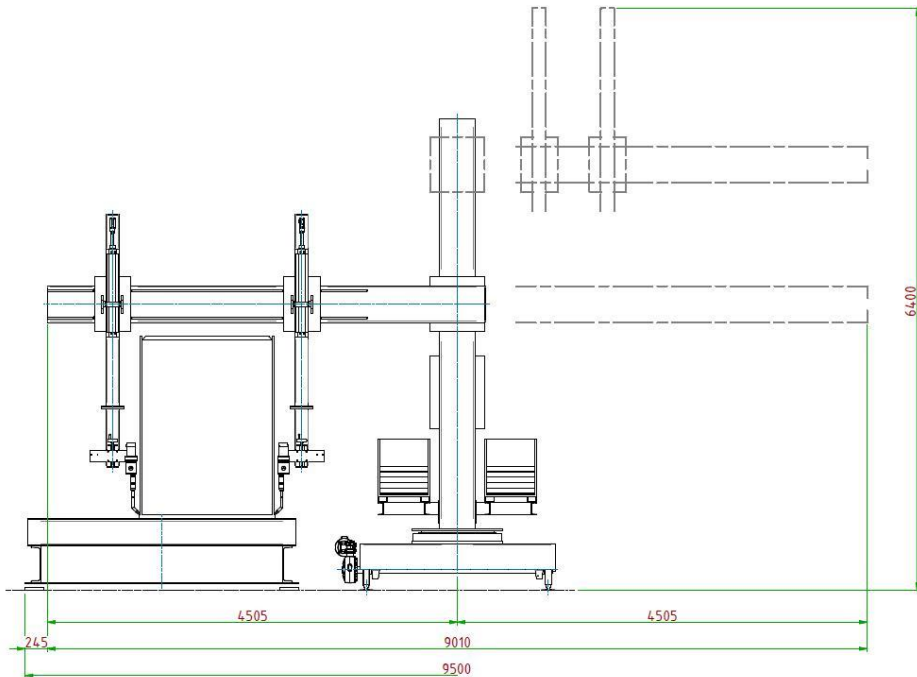


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

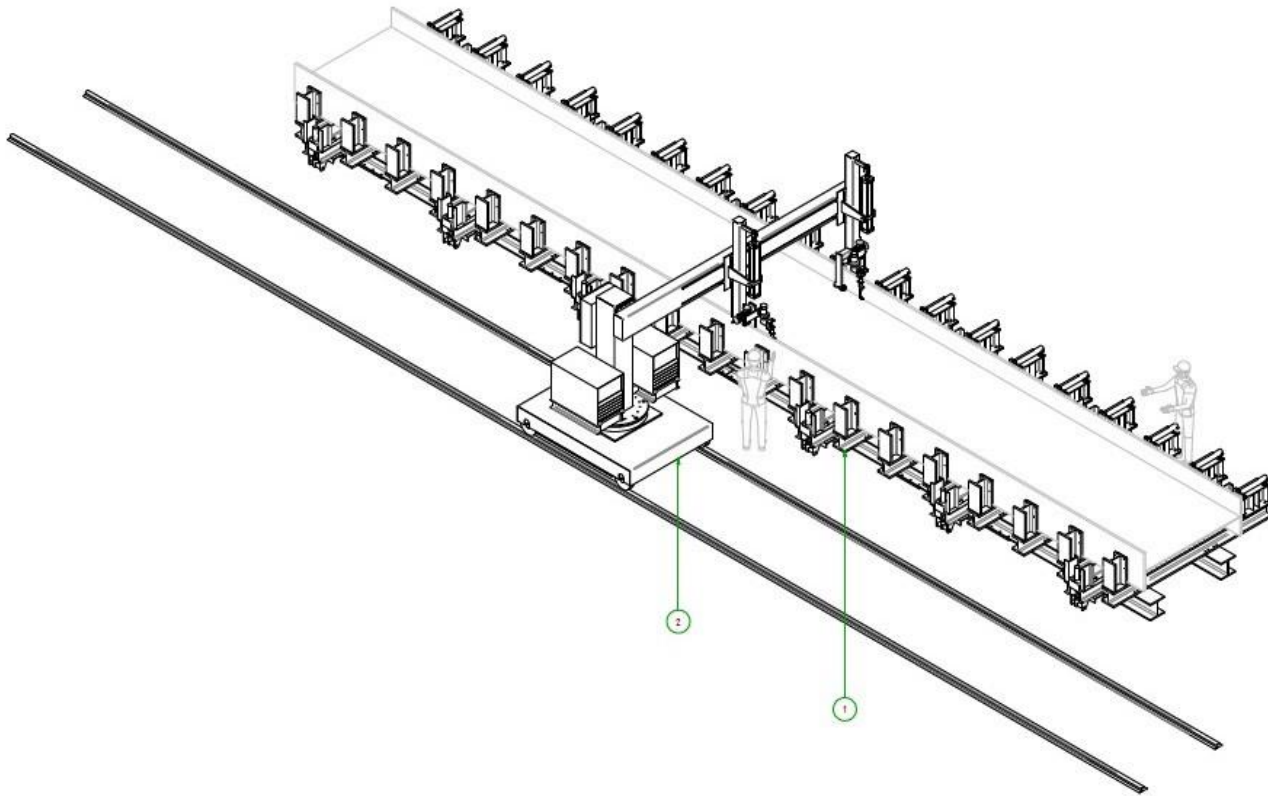
Possible Applications



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

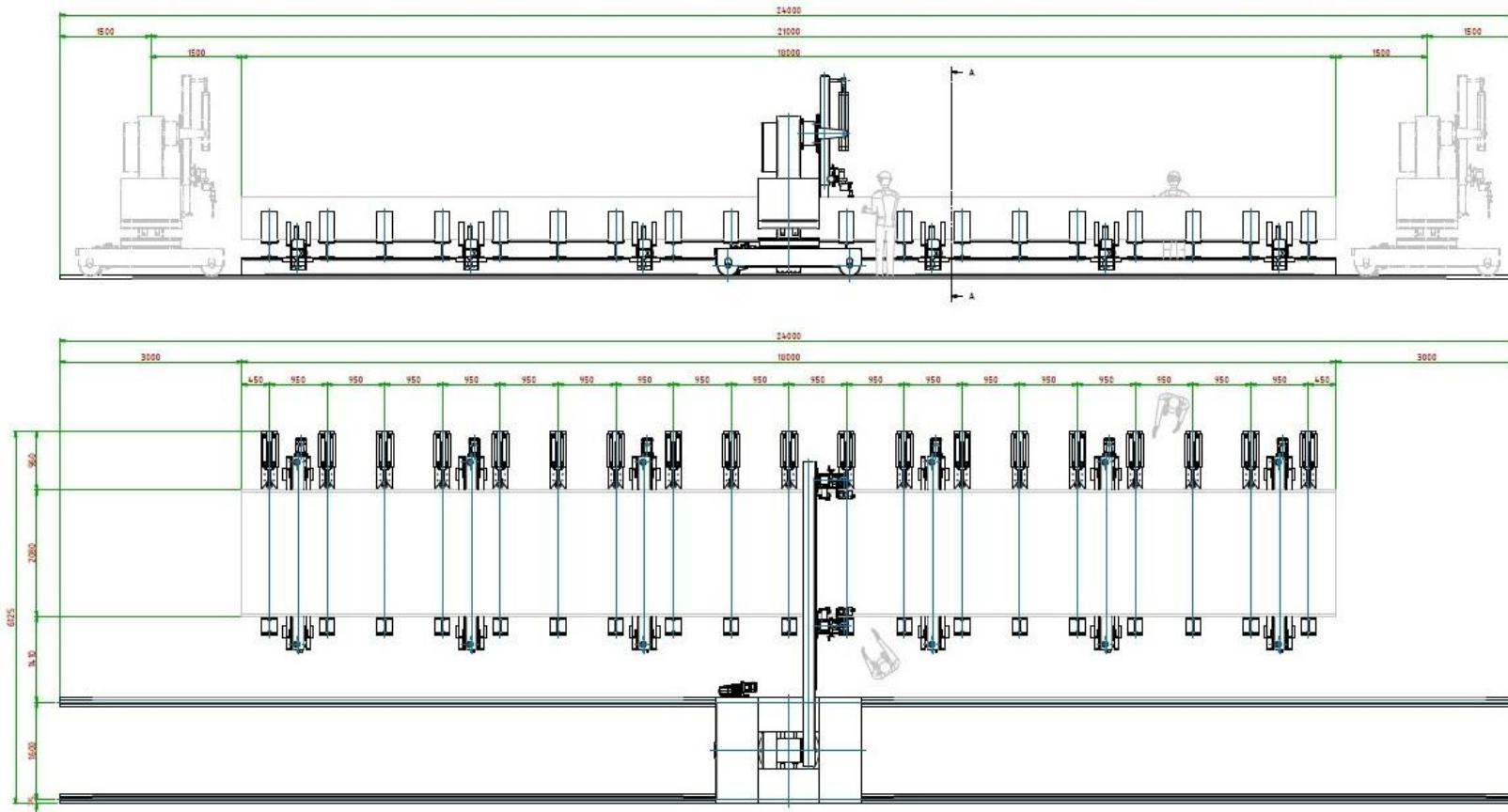


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

Possible Layout



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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CUTTING AND WELDING TECHNIQUES



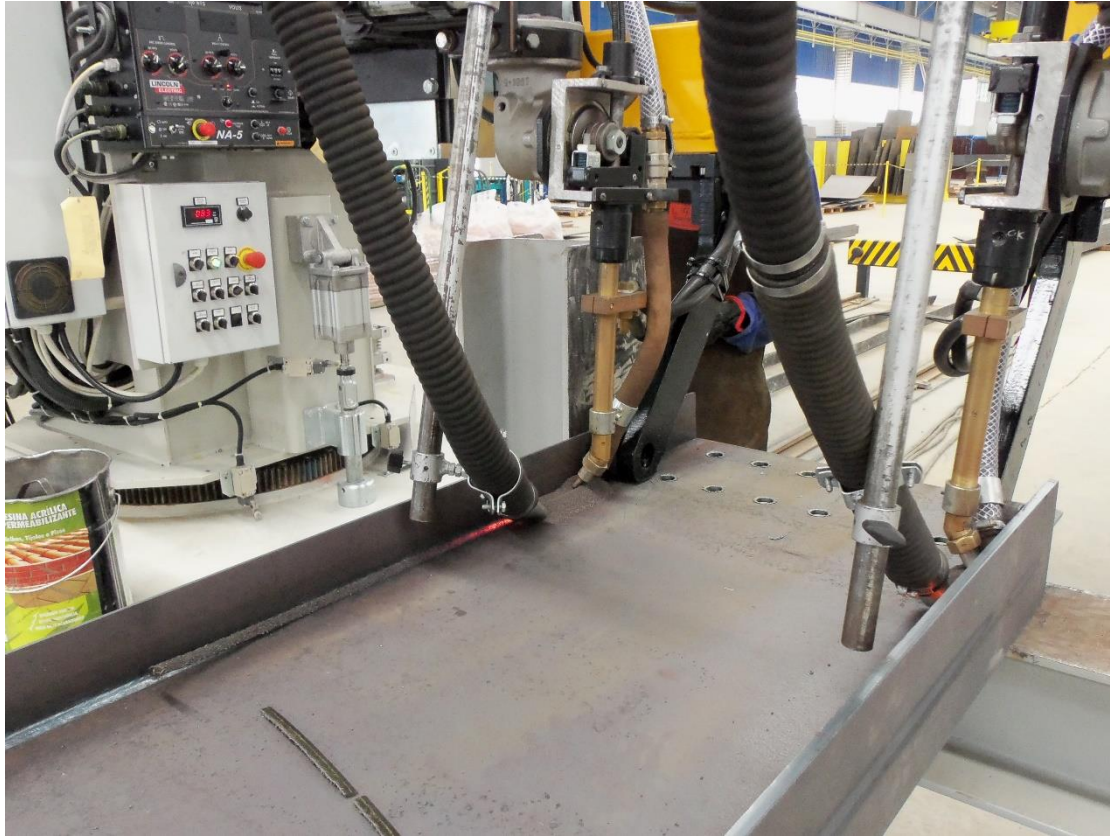
Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

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CUTTING AND WELDING TECHNIQUES



Company Profile

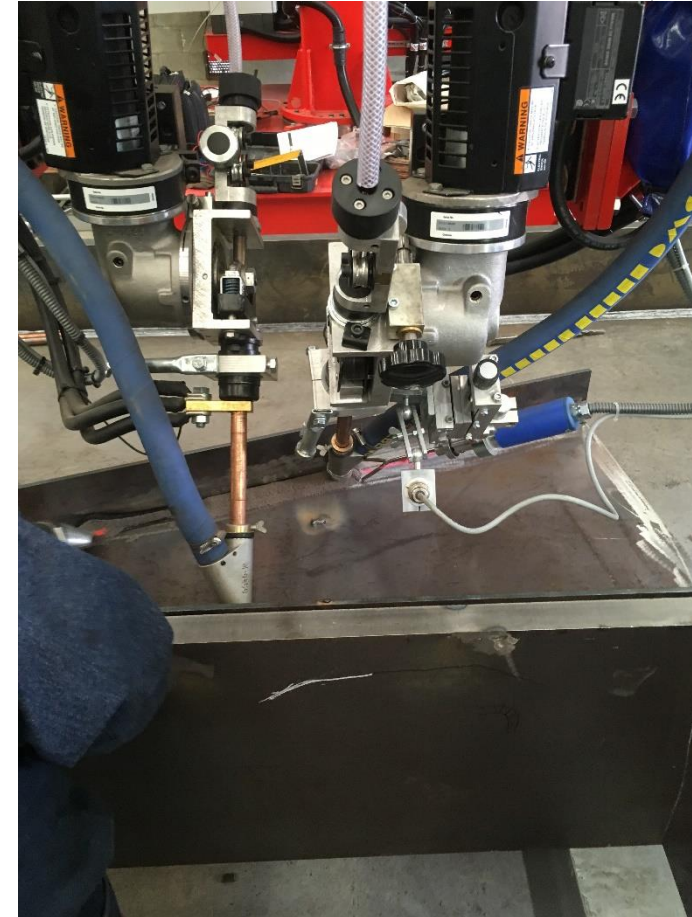
Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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CUTTING AND WELDING TECHNIQUES



Company Profile

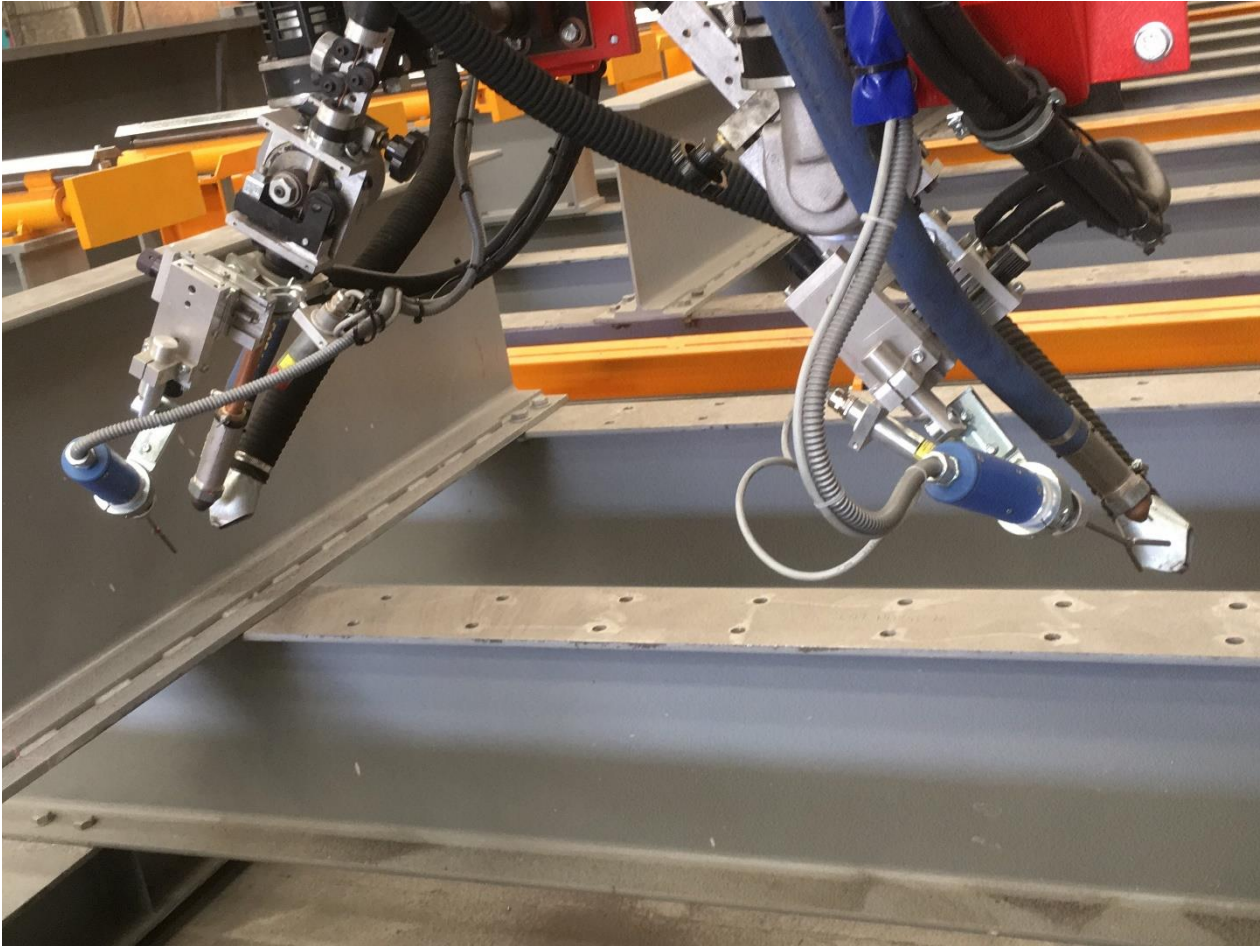
Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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CUTTING AND WELDING TECHNIQUES



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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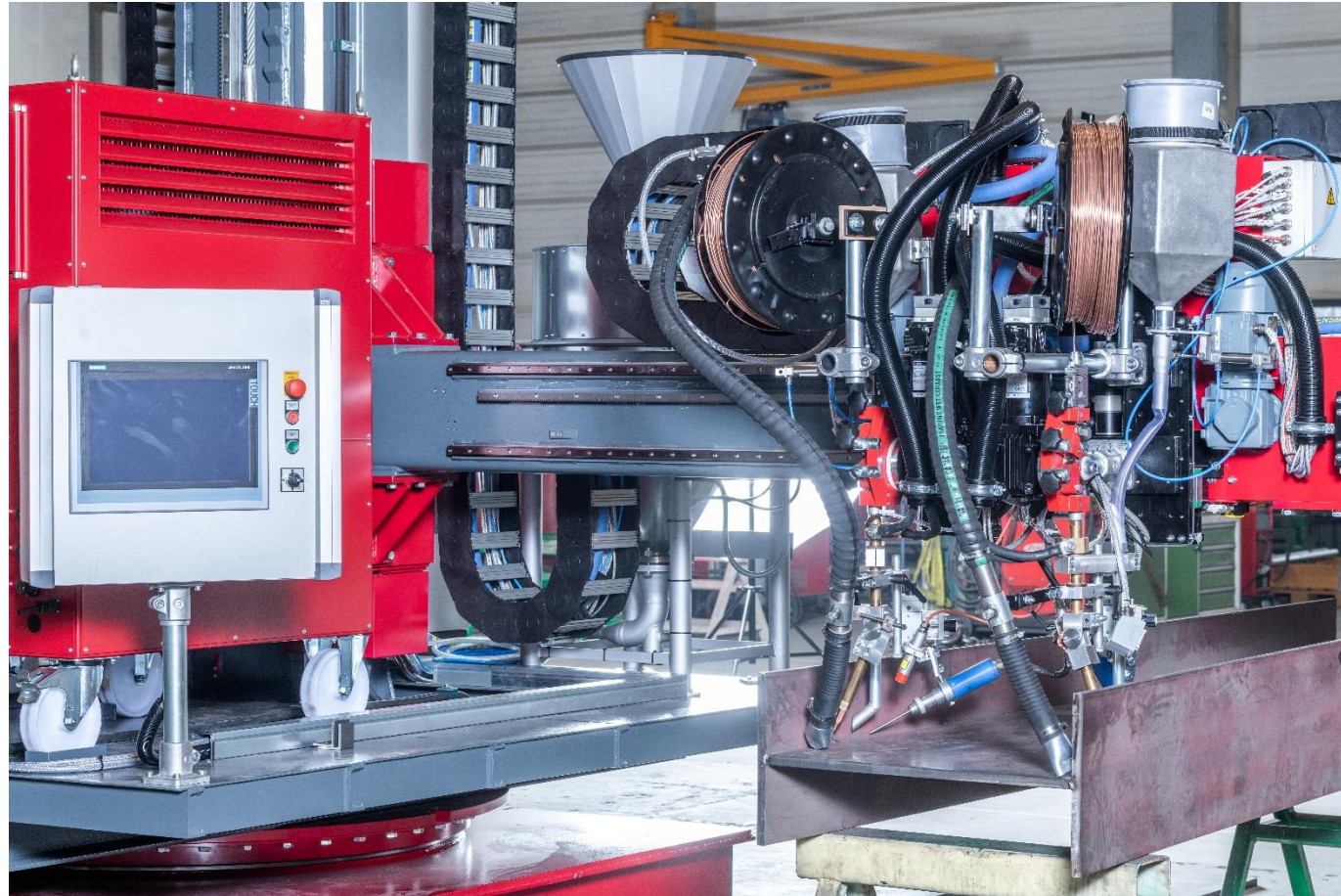


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

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CUTTING AND WELDING TECHNIQUES

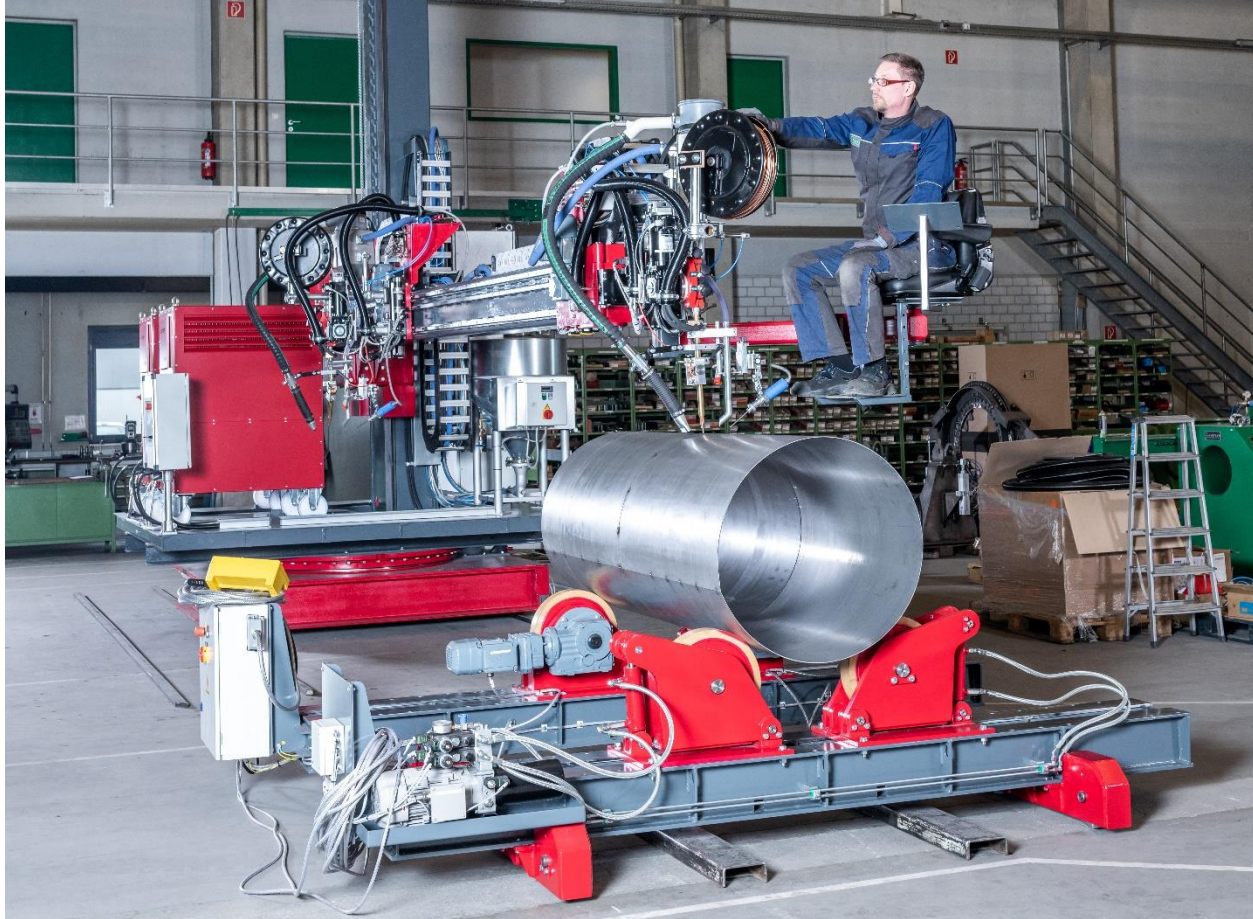


Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines

 **KISTLER**
CUTTING AND WELDING TECHNIQUES



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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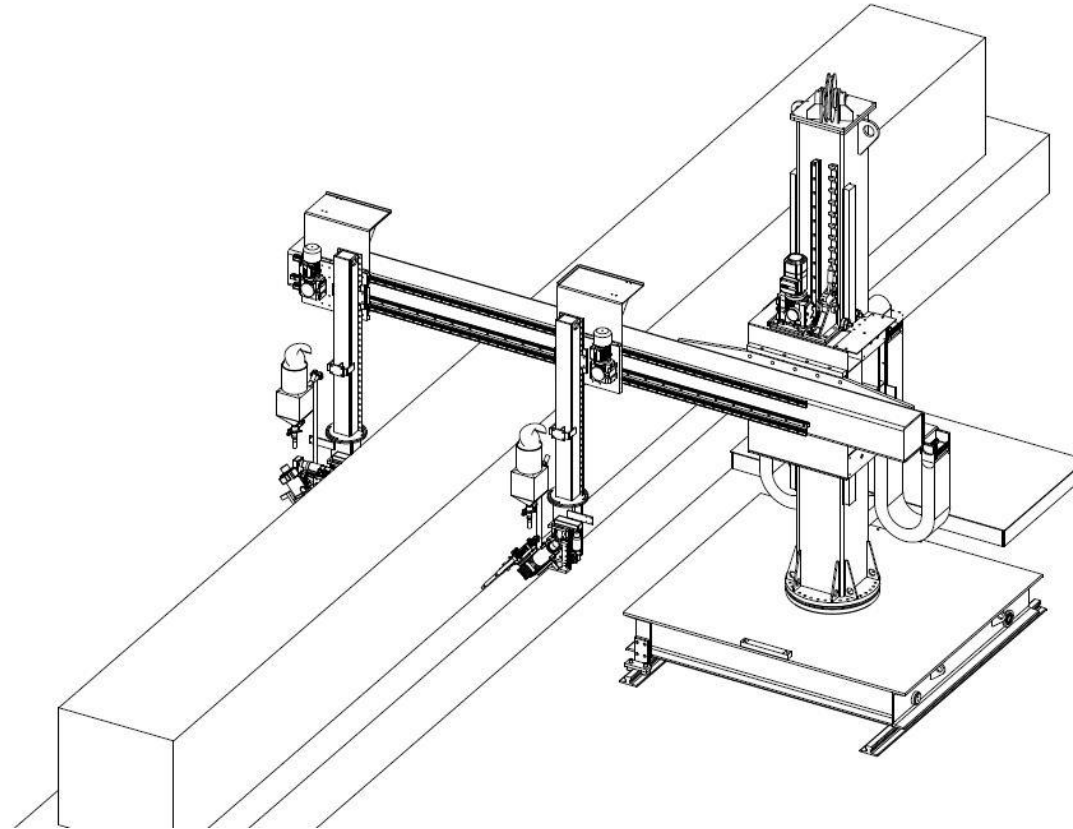
Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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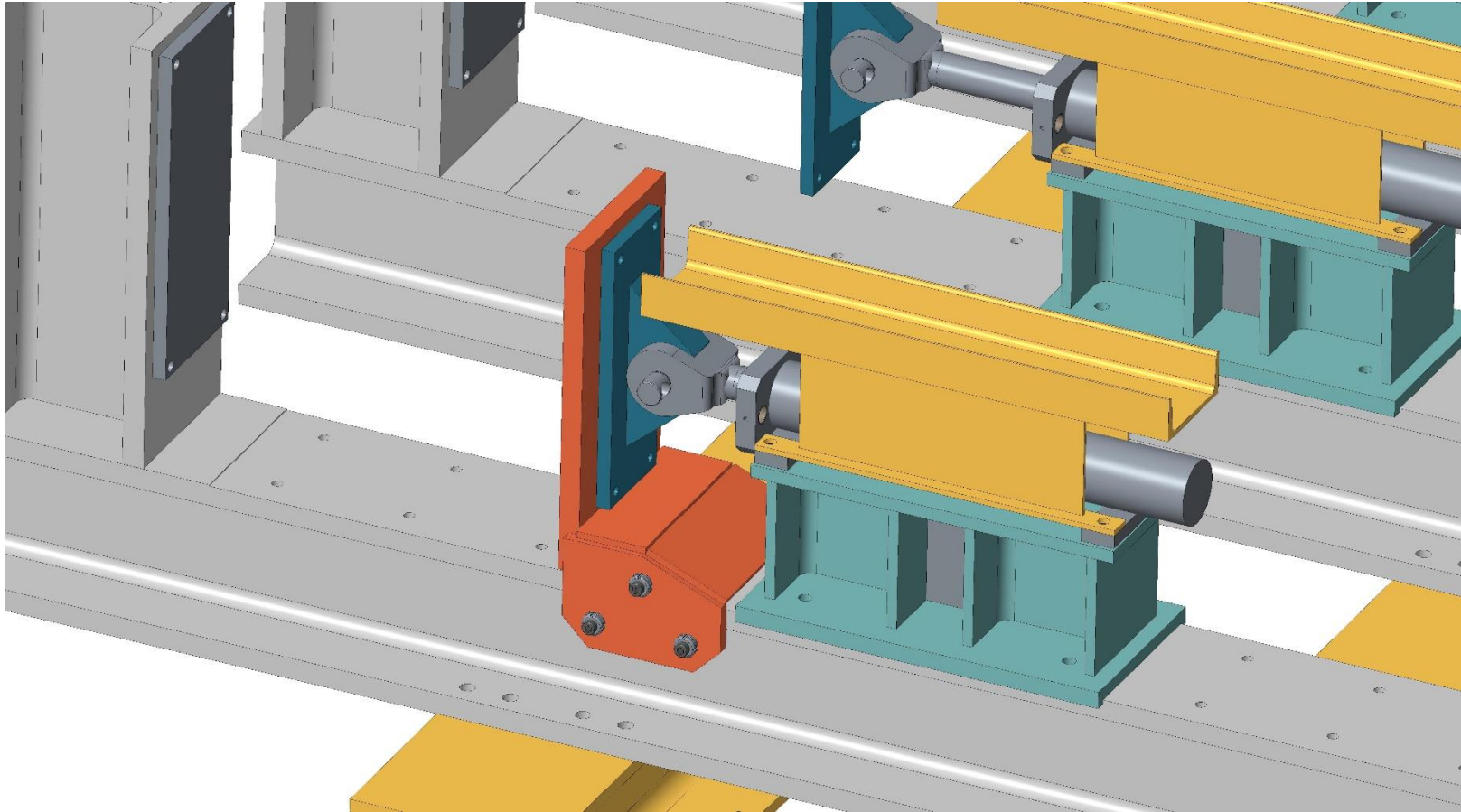
Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines



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CUTTING AND WELDING TECHNIQUES



Company Profile

Vertical H Beam Welding Lines

Horizontal H Beam Welding Lines