

Beam welding line | Horizontal solutions

HFI - Horizontal Fully

Combined line for horizontal welding of straight, conical and shaped beams.

The **HFI** horizontal welding line is the combined engineering solution for the production of **H-beams** with variable shape and inertia, **double-tapered beams** and **K-shaped beams**. The line consists of the manipulator (**CB** - Column & Boom) with double heads welding machine, assembly bench (**HAJ** - Hydraulic Assembling Jig), 180 ° rotators and the horizontal straightening machine (**BSM** - Beam Straightening Machine). The solution makes this line one of the most used in the field of **PEB** and one-side welding applications.

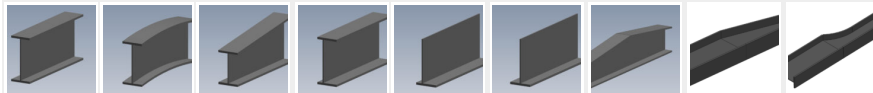


Sectors



	HFI 2000 x 600	HFI 2500 x 800
FLANGE THICKNESS	6 - 40 mm	
WEB WIDTH	200 - 2000 mm	200 - 2500 mm
MAX BEAM WEIGHT	Custom	
BEAM LENGHT	Custom	
CONVEYOR'S TRAVEL SPEED	8 m/min	
FLANGE HEIGHT	150 - 600 mm	150 - 800 mm
TYPE OF WELDING	Submerged arc: Twin-arc / Single wire	

Type of beams



Accessories & Torches

Vibrating flux feeding device
Welding monitoring camera
Gas pre-heating system
Pneumatic flux tank feeder
Flux dryer
Flux-heating system
Box Beam gravity welding kit
Torch (cooled) single-arc Long-Wire-Out 5/32"
Torch single-arc tandem 1/8" Ø3.2mm
Torch twin-arc standard 1/16" Ø1.6mm
Torch twin-arc tandem 5/64" Ø2mm
Contact tip for Torch single-arc 1/8" Ø3.2mm
Contact tip for Torch single-arc 5/32" Ø4mm
Contact tip for Torch single-arc 5/64" Ø2mm
Contact tip for Torch single-arc Long-Wire-Out 5/32" Ø4mm

