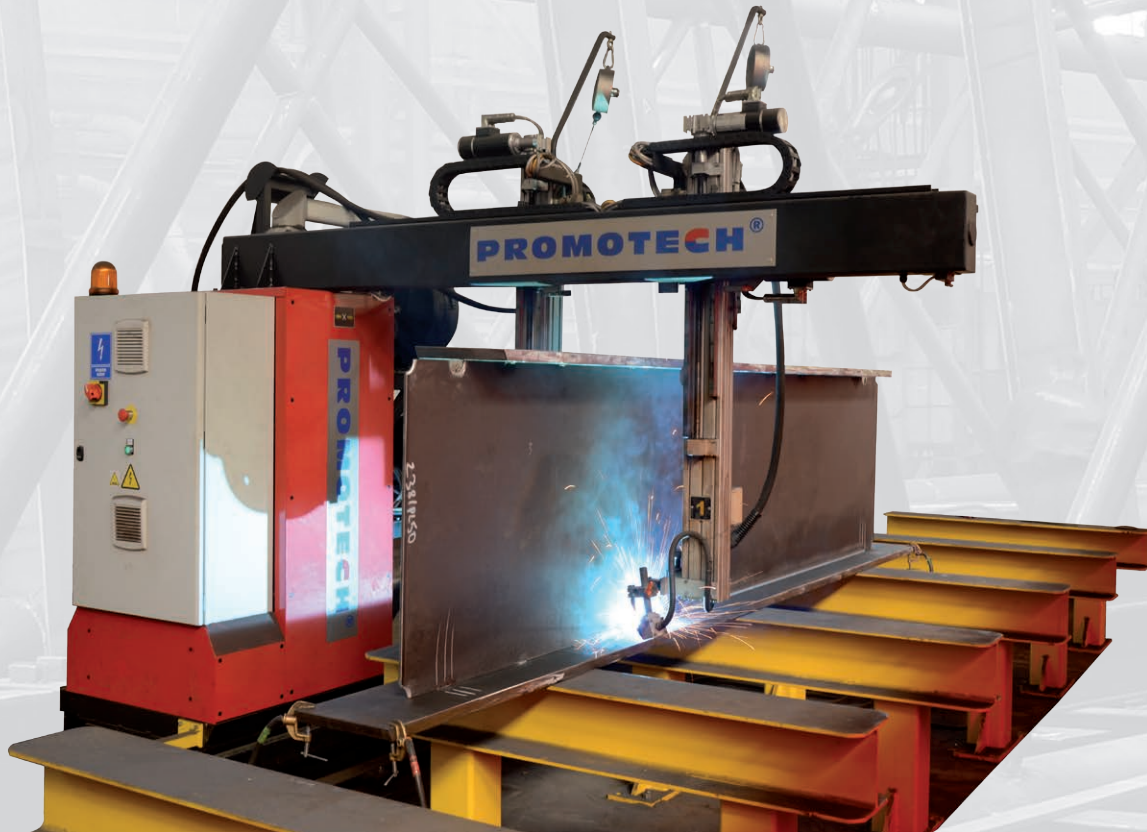


■ WA 1000 / WA 1500 | GANTRY WELDING SYSTEM

Automatic longitudinal MAG welding of long structural beams type H, I, T, HKS, HSQ.
Single or multi-pass automatic fillet/butt welding with mechanical-electro joint tracking system.
High quality MAG welding with minimized welding defect and reduced non-productive time.



■ Features & benefits:

- Automatic fillet and butt welding with joint tracking
- One-man operations
- Reduction of costly over-welding and decrease of filler metal usage
- User friendly interface – multiple languages
- Accepts most of welding power sources available in the market

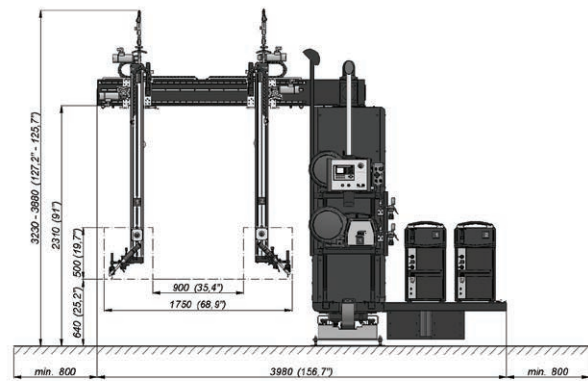
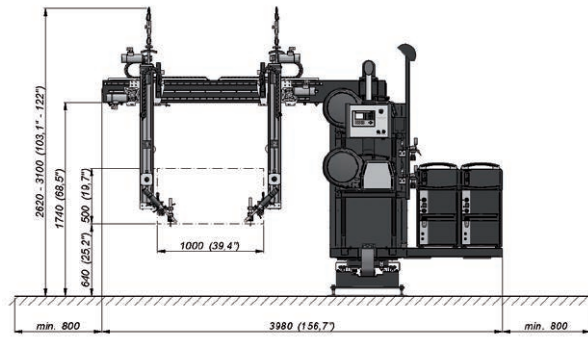


Technical specifications for GWS type WA 1000 / WA 1500

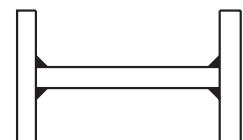
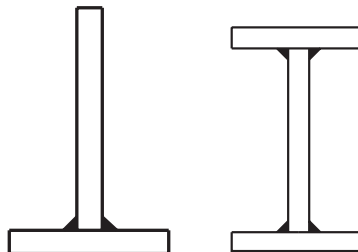
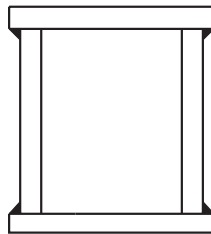
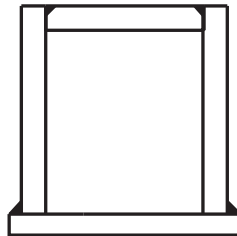
Length of track – X axis/ longitudinal welding	7m (275.6") / 6m (236"), extension in 3-meter (118") sections - optional
Torch range in Z axis	500mm (19.7")
Torch range in Y axis	1000mm (39.4")
Maximum distance between torches	1700mm (66.9"), optionally 2000mm (79")
Max workpiece height WA 1000 / WA 1500	1000mm (39.4") / 1500mm (60")
Torch travel speed	from 0,1 up to 4m/min (3.9–157"/min)
Types of welds	Continuous, Stitch - optional
Possibility to implement additional functionality e.g. welding length, intermittent welds	YES
Portable remote controller	YES
Device status messages	YES
Welding power sources up to 90kg (198 lbs)/each can be installed on the machine *	ESAB/EWM/KEMPII/LORCH/LINCOLN/Others
Wire feeder	ESAB/EWM/KEMPII/LORCH/LINCOLN/Others
Possibility of changing welding parameters "on the fly"	Option
Fume extraction system (type RAS recommended)	Option

* welding power sources over 90kg (198 lbs) must be located on the floor

View of GWS type WA 1000 / WA 1500
incl. overall dimensions



Typical beams suitable
for WA 1000 / WA 1500



**Purpose designed and custom built
versions to be agreed with Promotech.**

Examples of GWS type WA work station applications:

- GWS type WA 1000
Weld length 12 m
Integrated LORCH S8 welding power sources



- GWS type WA 1000
Weld length 15 m
Integrated EWM Phoenix welding power sources



- GWS type WA 1500
Weld length 15 m
Integrated LINCOLN ELECTRIC PW500 S
welding power sources



- GWS type WA 1000
Weld length 12 m
Integrated KEMPII FASTMIG X 450
welding power sources



OPTIONAL EQUIPMENT:

■ **Beam rotator & positioner**

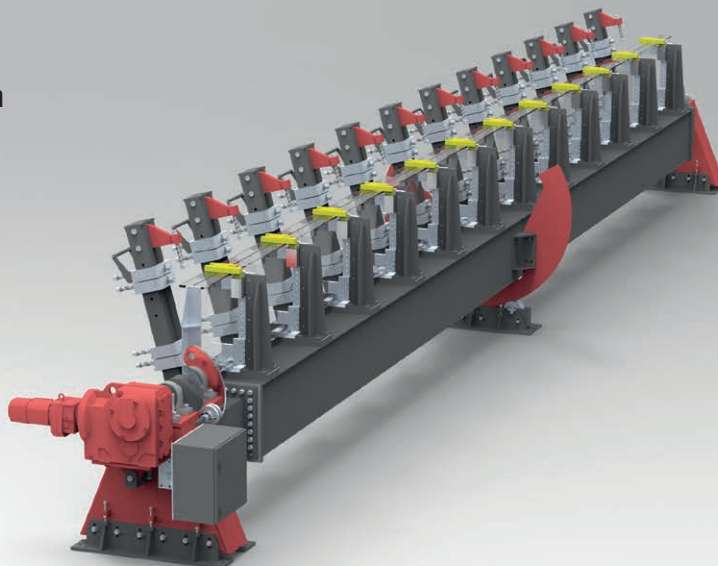
- Max workpiece height: 650 mm
- Flipping capacity: 5T
- Working height: 25mm



UPON REQUEST

■ **Manual H-beam assembly work-station**

- Web min. 180 mm – 650 mm;
thickness #4 mm – #10 mm
- Flange min. 150 mm – 180 mm,
thickness #6 mm – #14 mm
- Length 12 m



American Welding Society
Supporting Company Member

Mitglied im **DVS**
DVS – Deutscher Verband für Schweißen
und verwandte Verfahren e.V.



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