Automatic longitudinal top quality MIG-MAG welding of long structural Box beams and H, I, T, HKS, HSQ. Single or multi-pass automatic fillet/butt welding with mechanical-electro joint tracking system.

Minimized welding defect & reduced non-productive time and it’s One-man operation!

Your benefits:

• Automatic fillet and butt welding with joint tracking
• Multipass welding
• One-man operation
• Reduction of costly over-welding and decrease of filler metal usage
• User friendly interface – multiple languages
• Accepts most of welding MIG-MAG power sources
# Technical specifications for GWS type WA 1000 and WA 1500

<table>
<thead>
<tr>
<th>Specification</th>
<th>WA 1000</th>
<th>WA 1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of track / welding</td>
<td>13m / 12m</td>
<td>16m/15m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19m/18m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upon request 19m+</td>
</tr>
<tr>
<td>Max workpiece height WA 1000 / WA 1500</td>
<td>1m (39.4&quot;) / 1.5m (60&quot;)</td>
<td></td>
</tr>
<tr>
<td>Max welding speed</td>
<td>Up to 1 m/min solid wire</td>
<td></td>
</tr>
<tr>
<td>Possibility to implement additional functionality e.g. welding length, intermittent welds</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Welding power sources</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>up to 90kg (198 lbs)/each</td>
<td>YES</td>
<td></td>
</tr>
<tr>
<td>Possibility of changing welding parameters during welding process “on the fly”</td>
<td>Option</td>
<td></td>
</tr>
<tr>
<td>Fume extraction system (recommended)</td>
<td>Recommended option for operator safety</td>
<td></td>
</tr>
</tbody>
</table>

**Purpose designed and custom built versions to be agreed with Promotech.**
GWS type WA work-station applications confirmed with customers in automotive and steel construction business:

- **GWS type WA 1000**
  - Integrated **LORCH S8**

- **GWS type WA 1000**
  - Integrated **EWM Phoenix**

- **GWS type WA 1500**
  - Integrated **LINCOLN ELECTRIC PW500 S**

- **GWS type WA 1000**
  - Integrated **KEMPPI FASTMIG X 450**
OPTIONAL EQUIPMENT:

- Beam rotator & positioner (available also as integrated to GWS type WA work-station)
  - Max workpiece height: 650 mm / 1000 mm
  - Flipping capacity: 4T / 5T
  - Working height: 50 mm

UPON REQUEST

- Manual H-beam assembly work-station
  - Web height min. 200 mm
  - Web height max. 1000 mm
  - Flange min. 150 mm
  - Length up to 12 m