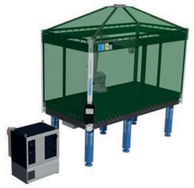
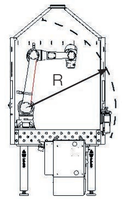
Weld4Me CE
Specifications

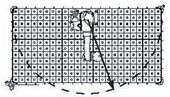
The Weld4Me CE unit is delivered with dark green welding curtains. Welding operators should always wear a welding helmet when working close to the welding robot.



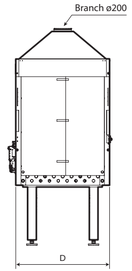


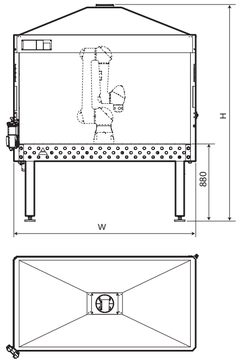
Technical data	Weld4Me CE	Weld4Me CE
Dimensions (WxDxH)	2064x1064x2459 mm	2464x1264x2540 mm
Welding table (WxD)	**1000x2000 mm**	**1200x2400 mm**
Collaborative robot	HC10DT, IP67	HC10DT, IP67
Controller	YRC1000	YRC1000
Weight	886 kg	964 kg





R = 1000, 1200 mm





Options

- Siegmund welding table (1000x2000 or 1200x2400 mm).
- Calibration kit with three cups and wire cut sleeve.
- Calibration kit for welding table (Ø28 holes) with three cups on brackets.
- Clamp kit including table cleaning equipment.
- Wheel kit.
- Cable bundle holders Ø40 Back and Ø40 Front.
- Teach pendant armour.
- Welding equipment e.g. Fronius, Lorch, ESAB, EWM etc.
- Fume extraction system.
- Pre-assembly for easy installation.

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Technical data may be subject to change without previous notice.

YASKAWA

Weld4Me CE

Collaborative arc welding robot station optimised for easy operation, high performance and safety.



www.yaskawa.eu.com

Weld4Me CE is perfect for small batch sizes, and frequent welding job changes.

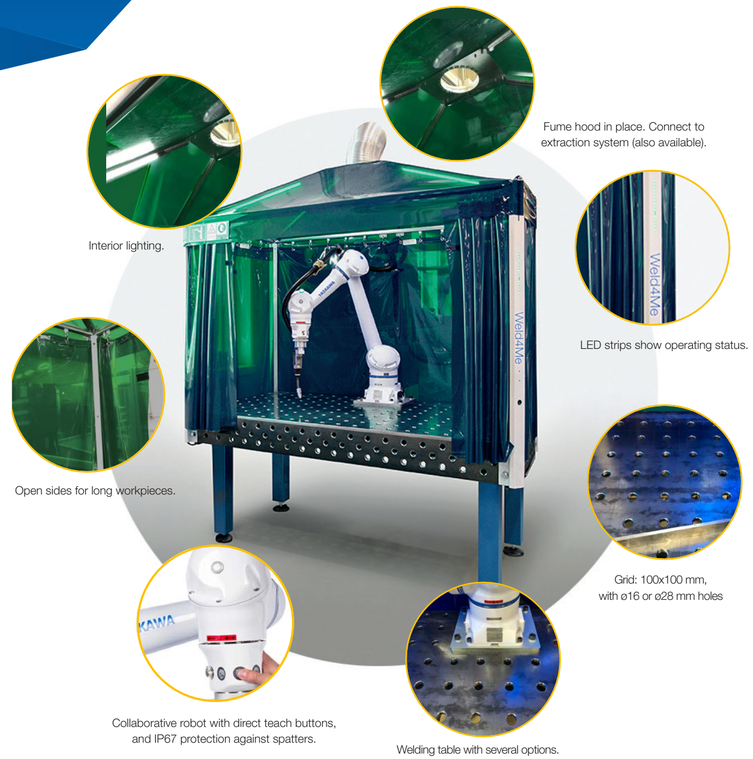


Key benefits

- Easy to install and operate.
- Easy to program.
- Ideal for small batches and high variety.

If you are looking for an alternative or supplement to manual welding, the **Weld4Me CE** turnkey collaborative robot station has all the advantages you need. It brings the consistent quality of robotic welding to your production process, while being easy to install and operate.

With its rigid and industrial quality design, the **Weld4Me CE** is perfect for small welding shops, small batches and high variety. Robot, welding table and enclosure are designed to meet industrial requirements, and offers full welding functionality. This improves your welding quality and productivity compared to manual welding.



Interior lighting.

Fume hood in place. Connect to extraction system (also available).

Open sides for long workpieces.

LED strips show operating status.

Grid: 100x100 mm, with ø16 or ø28 mm holes

Collaborative robot with direct teach buttons, and IP67 protection against spatters.

Welding table with several options.

Scope of delivery

- MOTOMAN HC10DT-IP67 collaborative robot, YRC1000 robot controller with integrated Functional Safety Unit.
- Teach pendant HMI for programming.
- Welding Wizard software for easy robot job creation.
- Welding table (1000x2000 or 1200x2400 mm).
- Dark green welding curtains and fume hood.
- Additional equipment and options upon request.

Features of interest

- Integrated LED light strip shows operating status.
- Easy programming with Welding Wizard and the intuitive hand guiding.
- All functions available and combined on the Teach pendant.
- Robot cable dress pack designed for high uptime.
- Pre-defined safety settings.
- Integration of several welding package suppliers.
- CE marking and risk assessment.

Safety included

- Collaborative robot with torque sensors on all six axes, for high safety.
- Retract and clamp release function to avoid risk of clamping.
- Definition of functional safety zones.



Safety standard
ISO 10218-2, ISO 13849-1, PL d, Cat.3.

CE marking class 2A
when fume extraction is installed.

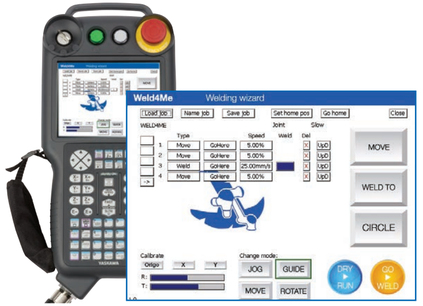
Programming



Hand guiding

Intuitive new teaching method for collaborative robots. This hand-guiding facilitates easy programming for fast implementation of the robot system. Simply move the robot flange by hand and record the motion points with the easy-to-use programming buttons: “MOVE”, “WELD TO” and “CIRCLE”.

Welding Wizard



The Welding Wizard is designed to simplify the steps and decisions you need to make in order to have a working robot. It is straightforward teaching method that makes programming arc welding jobs easy.

Here you find programming buttons MOVE”, “WELD TO” and “CIRCLE” which makes it easy to put together a welding job for the robot.
You can always make a test and run through the motions of your robot job with a “dry run”, and make adjustments if needed, before you start the actual welding process.

Teach pendant

The standard MOTOMAN robot teach pendant, with its well proven robust industrial design, is ideal for arc welding applications and complicated workpieces.

Here you have full access to the INFORM language commands, and the welding functions you need, with a combination of buttons and touchscreen operation. Ergonomically and lightweight design for extended use.



Use the Direct Teach buttons, Welding Wizard or the Teach pendant to program **Weld4Me CE**.