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Mobile welding cobot

**Welding automation where you need it –
bring the welding robot to your welding task**

- Machine frame built from sturdy steel construction for rugged use
- Mobile design with large-diameter transport casters for flexible use at different sites
- Large working radius of 8.9 m (combined working radii robot/crane kit – extensions optional)
- System configured to accommodate additional sensors

Key Features

- Fully integrated, collaborative welding robot
- Flexible use – fabrication of assemblies in three different robot positions: on the work table / from the mobile cart / directly on the component
- Designed for high productivity with changing components and job sites

High flexibility

**Safety-compliant
with international
standards**

Large working radius

**Repeatable weld seam
quality**

**Easy operation
(collaborative robot)**



LEWA Automation USA, LLC
11 Hannah Way · Rossville, GA 30741 · USA
phone +1 423-602-5392 · www.lewa-attendorn.com/en/

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CONFIGURATION

ROBOT

1× collaborative welding robot

WELDING EQUIPMENT

Complete robotic welding equipment; standard intermediate hose length: 7.5 m (extension available as an option)

MACHINE FRAME

Mobile machine frame including a work table (1,200 mm × 800 mm), crane kit incl. magnetic base for flexible robot positioning

STANDARD WORK SURFACE

Table surface 1,200 mm × 800 mm, hole spacing 50 mm, hole diameter 16 mm

COMMISSIONING

Commissioning and functional testing prior to delivery

OPTIONS

ARC WELDING SENSORS

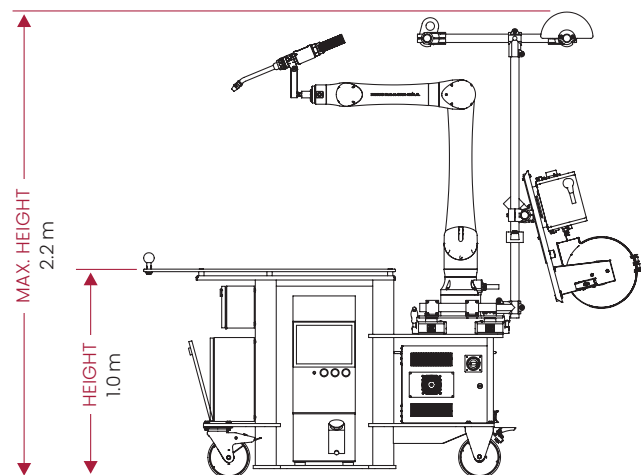
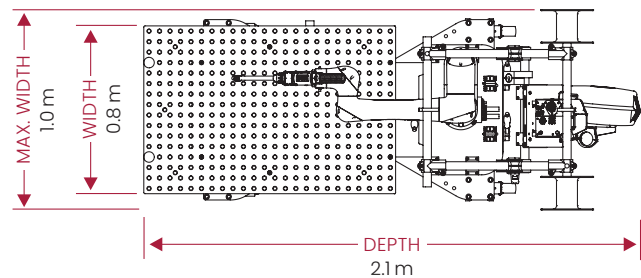
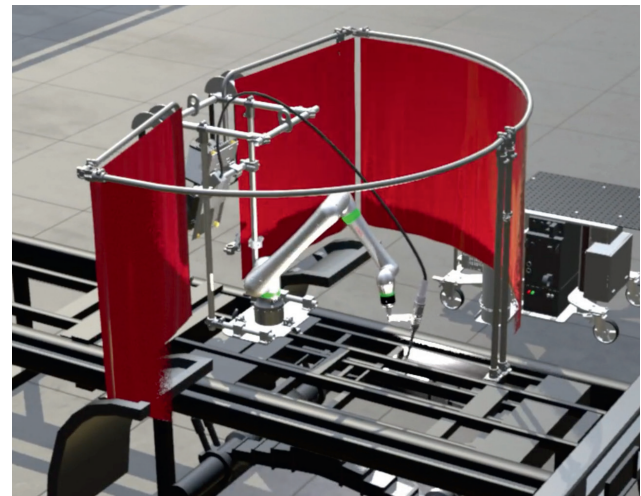
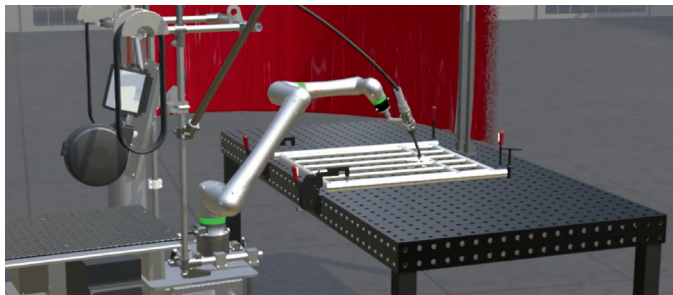
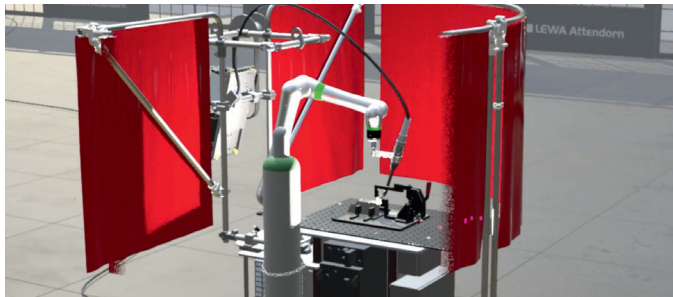
- Touch-Sensing
- Seam-Tracking
- optical seam-tracking sensor

Additional Option:

- Extended working radius: intermediate hose package for an even larger working radius (subject to technical clarification)

COMPREHENSIVE PROJECT MANAGEMENT

We offer more than compact solutions – we also provide comprehensive project management, up to and including turnkey solutions. If needed, we are available to support you with training, process support, clamping fixtures and tooling.



TECHNICAL DATA

Footprint (D/W _{max} /H _{max}) in (m)	Work surface area in (m)	Max. working radius in (m)	System weight (depending on configuration) lbs (kg)
83 (2.1) D / 39 (1.0) W _{max} / 87 (2.2) H _{max}	47 (1.2) × 32 (0.8)	350 (8.9)	1,213 (550)

Please note: Specifications are subject to change without notice.



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