



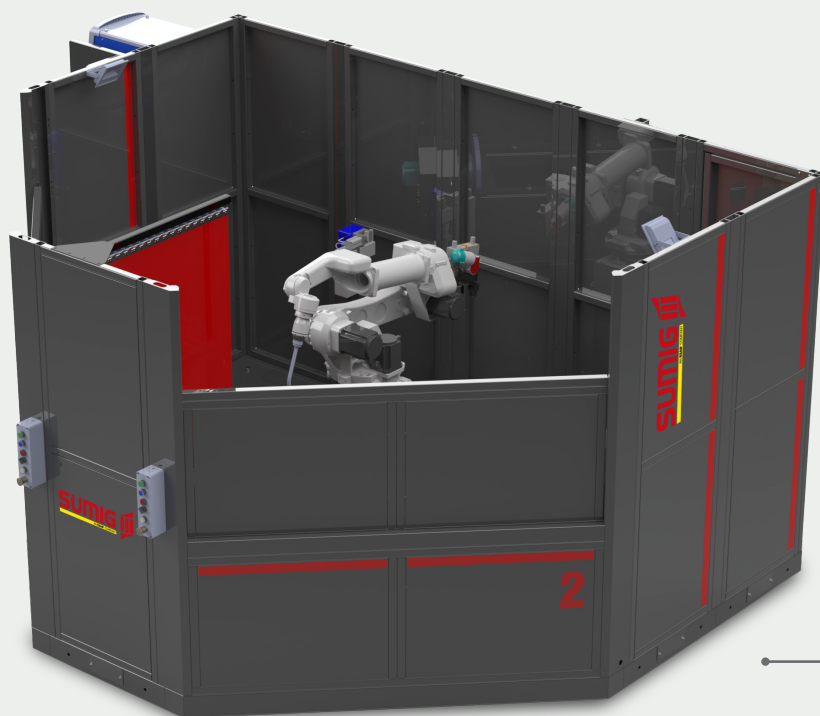
ROBOTIC CELL

RTW-LA60





The ideal solution for efficiency and speed in the production process



Developed with Sumig ConceptPRO technology, integrated with Industry 4.0

1

Unique base that provides easy movement.

2

Enclosures that protect each station.

3

Recommended for small to medium-sized parts.

4

Front loading that provides reduced operator movement.

5

**MANUFACTURED
IN BRAZIL**

COMPLIANT WITH
**NR-10, NR-12
and NR-17**

**Prepared for
Industry 4.0**

The **RTW-LA60** robotic cell is ideal for companies that are beginning robotic welding or seeking greater speed in the welding process. It is a mechanically robust system featuring two workstations with a 45° angle and is recommended for the motorcycle, agricultural, automotive, and related sectors.

Founded in 1980, Sumig is a leader in welding solutions in Latin America. We are pioneers in the development of intelligent products for Industry 4.0. The RTW-LA60 was developed with Sumig ConceptPRO technology, ensuring equipment ready for the future.

Through this technology, the operator has access to important information about the welding process. In addition, new components can be optionally added to expand capacity, such as additional sensors, barcode reader, scale, handling robots, among other items.

The torches used in our projects are manufactured in Brazil, allowing fast replacement of consumables, inized a word and is a complete technical translation. Additionally, they offer the quality and reliability of the Sumig brand. Welding robots and power sources are from the Japanese brand OTC, a world leader in the manufacturing of components for robotic welding.

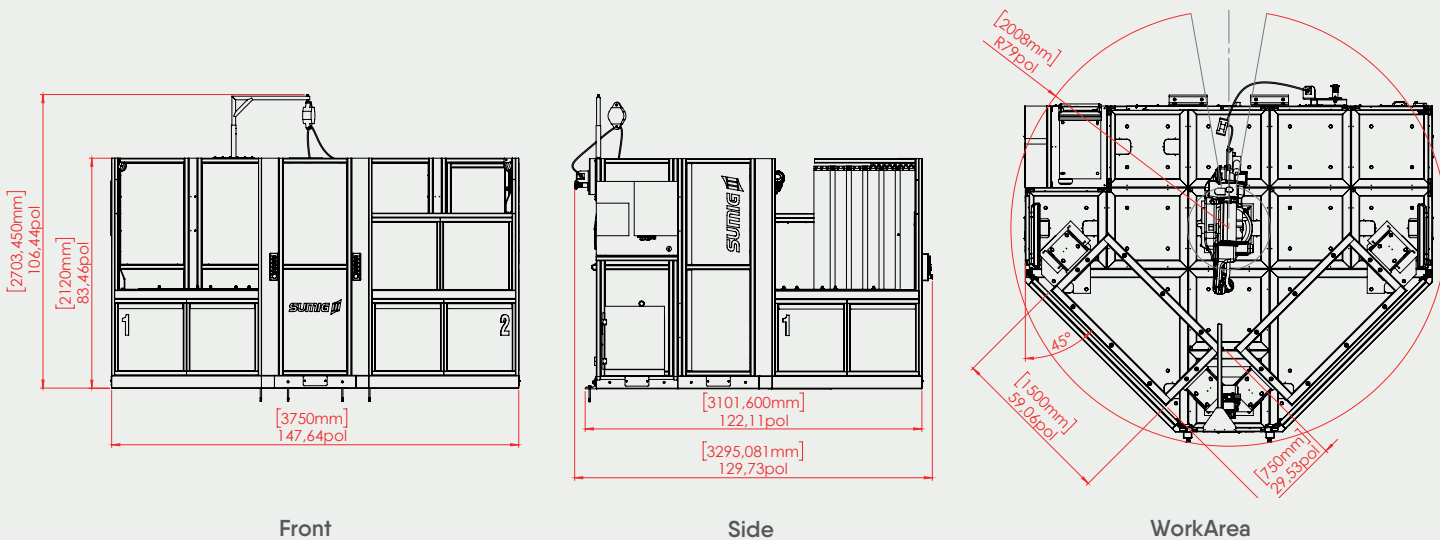
Technical Data

Table Size (Inches.)	59.05 x 29.52
Table load capacity	2204.62 lb
Maximum current allowed for welding power source	63 A
Maximum current allowed for robot controller	16A
Power supply	220 V a 380V Three-phase
Weight	2204.62 lb
Power	26 KVa
Pressure	6 Bar
Flow rate	8,8 L/s
Overall dimensions (W x L x H)	152.00 ln x 111.61 ln x 106.29 ln
Size in in²	18879,038 in²

**Included in
the Package**



Technical Dimensions



PERFECT SYNCHRONIZATION IN THE WELDING PROCESS

- Fastest robot on the market;
- Modern design with high mobility, without cable interference, facilitating welding in confined spaces;
- Fully versatile, ready for all welding applications;
- Welding cables integrated into the robot, increasing protection and facilitating access;
- Robot designed exclusively for welding;
- Functional and easy-to-learn programming.



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- Torch with 100% national manufacturing;
- Fast replacement of consumables;
- More than 100 micro-splash variations;
- High durability and optimized performance;
- Manufactured with high-impact and high-precision machined parts;
- Anti-shock system integrated into the torch body to protect the robot.



TECNOLOGIA
CONNECT PRO
 INDÚSTRIA 4.0

- Connection and cooperation of the entire integrated system at high speed;
- Industry 4.0 ready – uses a universal data communication language, providing perfect machine-to-machine communication;
- Remote monitoring of the welding process;
- Remote management of information from anywhere in the world;
- Fast expansion and customization of peripherals and devices to increase production capacity;
- Centralized information management;
- Remote access for higher speed in equipment support and maintenance.



OTC is a global leader in the manufacturing of welding robots and power sources, operating since 1919, with broad application, high performance, customized services, and industry-leading technical support.

TRIPLE YOUR PRODUCTION WITH SUMIG CELLS AND TAKE YOUR COMPANY TO THE NEXT LEVEL*



Reduction of production process costs;



Higher productivity and welding quality;



100% Sumig project design and execution ensure greater reliability and faster implementation;



Established brand with over 40 years of know-how in welding, ensuring long-term support and reliability;



Easier programming and operation compared to other systems on the market, optimizing production and training time.

Standard Manual Welding



Sumig Robotic Welding



Improve weld quality and definitively solve the shortage of skilled labor!



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THE WELDING THAT TRANSFORMS