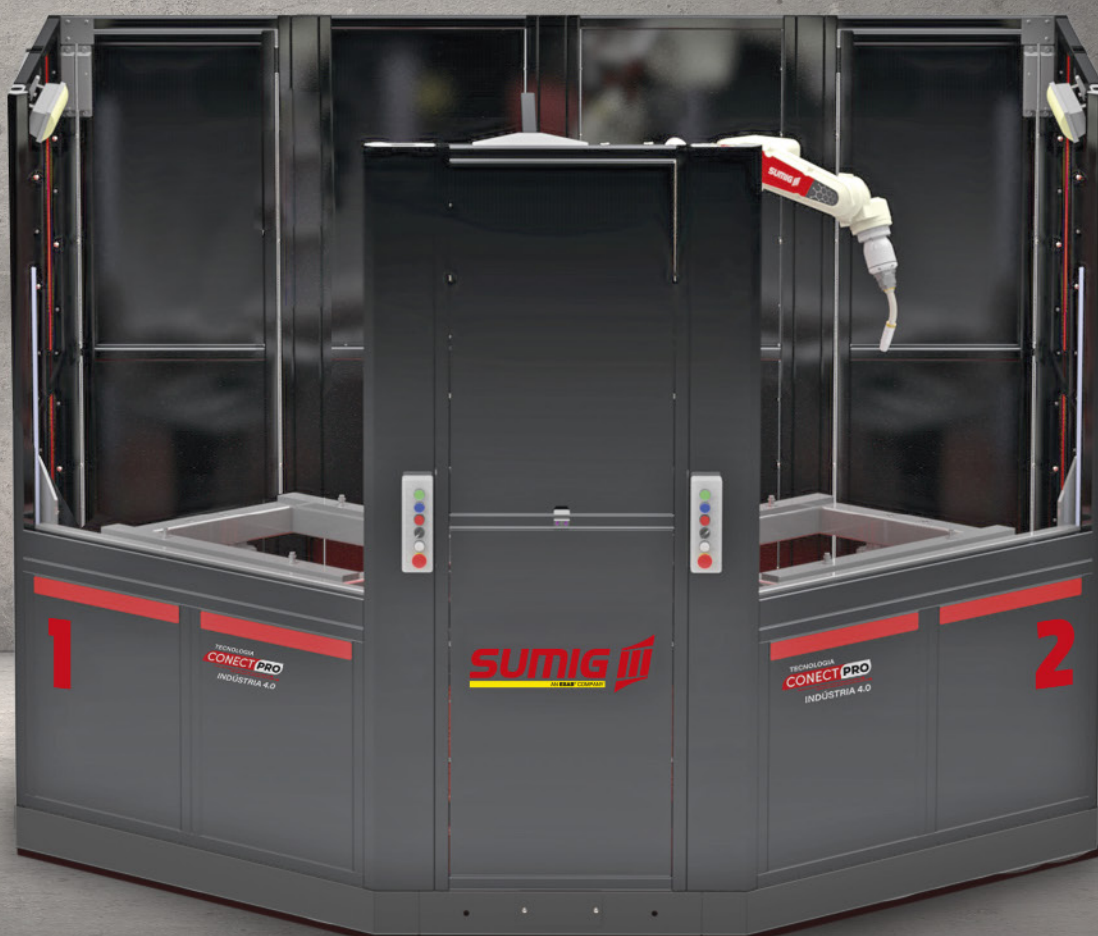




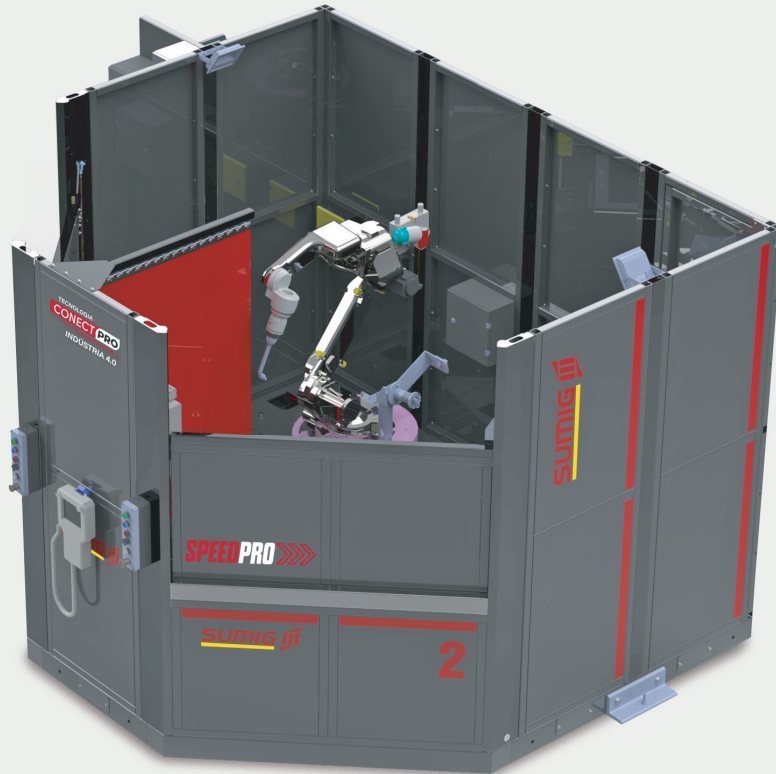
ROBOTIC CELL

RTW-SA40





*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-SA40** cell is ideal for companies that are starting robotic welding or seeking greater speed in the welding process. It features a mechanically robust system and includes two workstations with a 45° angle, making it suitable for the auto parts, agricultural, furniture, and other 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 ConnectPRO technology, making the equipment ready for the future. Through this technology, the manager has access to important information about the welding process. In addition, new components can be added later to expand its capabilities, such as additional sensors, a barcode reader, a scale, handling robots, among other items.

The torches used in our projects are manufactured in Brazil, allowing for rapid replacement of consumables, while also ensuring the quality and reliability of the Sumig brand. The robots and welding power sources are supplied by the Japanese company OTC, a global leader in the manufacture of components for robotic welding

## Technical Data

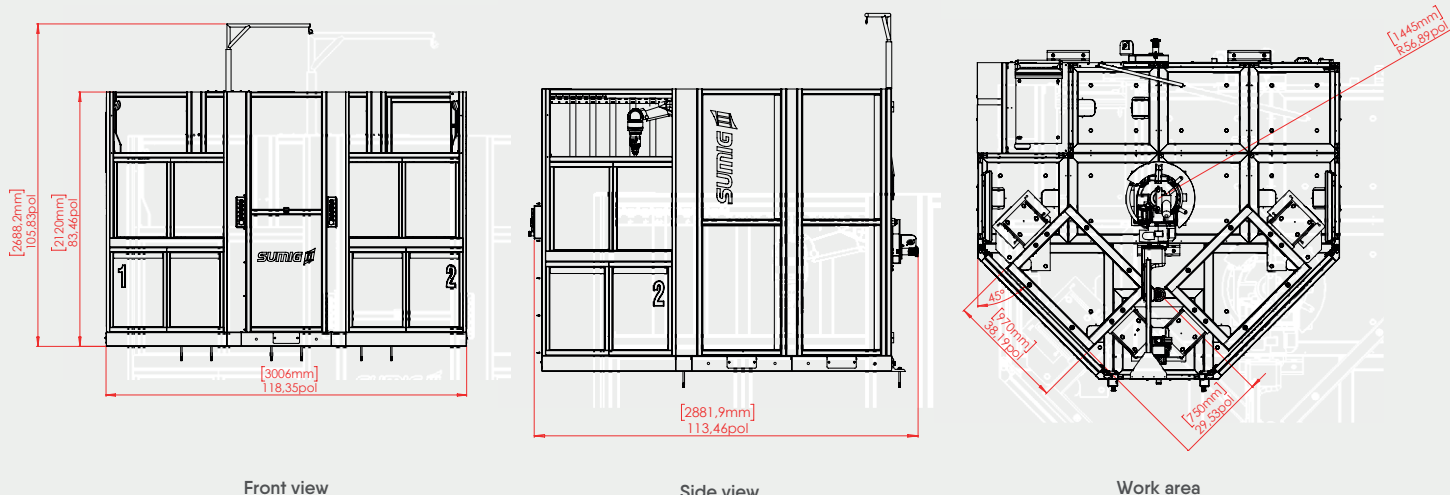
Table Size (Inches.)	29.52 x 38.18
Table load capacity	1102.31 lb
Maximum current allowed for welding power source	63 A
Maximum current allowed for robot controller	16A
Power supply	220 V a 380V Three-phase
Weight	4188.73 lb
Power	26 KVa
Pressure	6 Bar
Flow rate	8,8 L/s
Overall dimensions (W x L x H)	118.56 In x 113.46 In x 83.46 In
Size in in <sup>2</sup>	18879,038 in <sup>2</sup>

Included in  
the Package



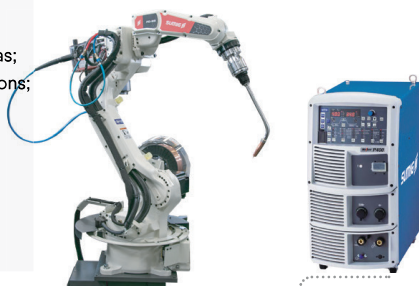


## Technical Dimensions



## PERFECT SYNCHRONIZATION IN THE WELDING PROCESS

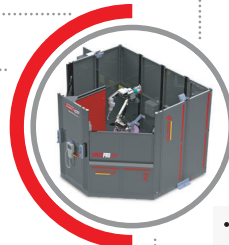
- Fastest robot on the market;
- Modern design that enables mobility without cable interference, facilitating welding in hard-to-reach areas;
- Highly versatile design, ready for all welding applications;
- Welding cables integrated into the robot, increasing protection and facilitating access;
- Robot designed exclusively for welding;
- Functional, easy-to-understand programming.



- Sumig cells use OTC welding power sources that incorporate nanotechnology and artificial intelligence. They weld up to 40% faster than similar systems, making them among the fastest welding power sources in the world;
- They enable high-precision welding with excellent quality in any type of application, without spatter;
- They feature optimized waveform control according to the type of metal being welded.
- Arc stability is perfect, even during high-speed welding;
- An optimized duty cycle for high productivity and automated applications;
- The fastest power source on the market, welding up to 40% faster than comparable systems.



- Torch manufactured 100% domestically;
- Rapid replacement of consumables;
- More than 100 micropistol variations;
- High durability and optimized performance;
- Manufactured with special high-impact-resistant alloys, ensuring high-precision machining;
- Integrated anti-shock system in the torch body to protect the robot.



TECNOLOGIA  
**CONECT 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!



[WWW.SUMIG.COM](http://WWW.SUMIG.COM)

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**THE WELDING THAT TRANSFORMS**