



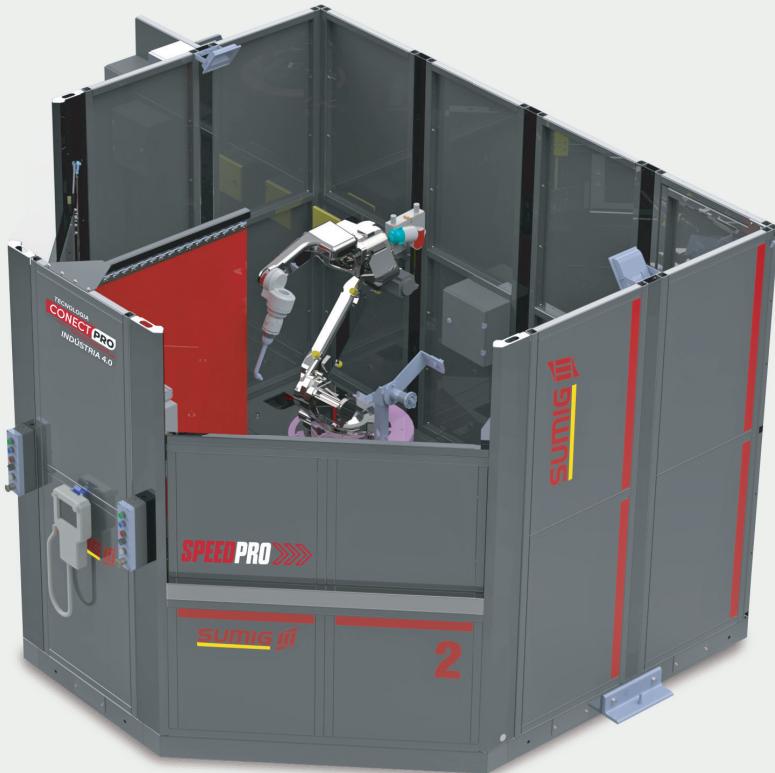
ROBOTIC CELL

# RTW-SA40





**The ideal solution for efficiency and speed in the production process**



MANUFACTURED  
IN BRAZIL

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

Prepared for  
Industry 4.0

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

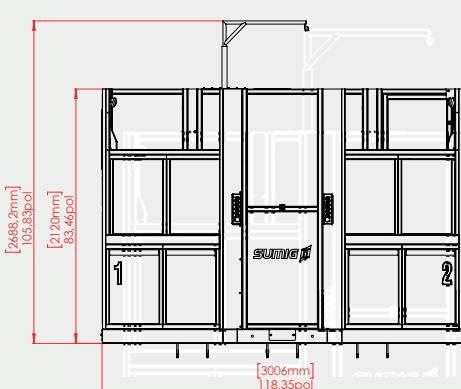
#### Technical Data

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>

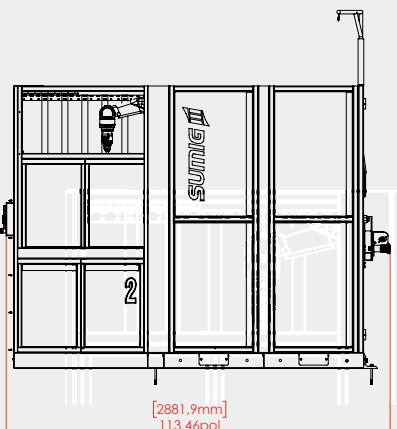
Included in  
the Package



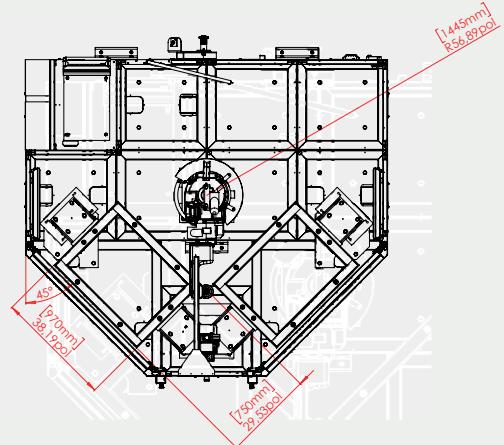
## Technical Dimensions



Front view



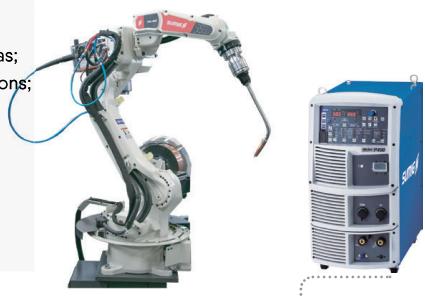
Side view



Work area

## 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.



- 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.



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.

- 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.



- 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.

## 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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AN ESAB COMPANY

**THE WELDING THAT TRANSFORMS**