



ROBOTIC CELL

RTW-SS67





Compact footprint and efficient production process



MANUFACTURED
IN BRAZIL

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

Prepared for
Industry 4.0

Developed with
Sumig ConnectPRO
technology, integrated
with Industry 4.0

1

Compact size and
optimized layout

2

Shortest material supply
path for the operator

3

Ready for welding, easy
implementation

4

Automatic
operation doors

5

The **RTW-SS67** robotic cell features a dedicated workstation and allows for quick installation due to its compact design. It includes a wire guide that facilitates wire feeding and a monitored access door to ensure operator safety.

Founded in 1980, Sumig is a leading provider of welding solutions in Latin America. We are pioneers in the development of intelligent products for Industry 4.0. The RTW-SS67 was developed with Sumig ConnectPRO technology, making the equipment ready for the future.

Through this technology, operators can access important information about the welding process. In addition, new components can be added later to expand system capacity, such as extra sensors, barcode readers, weighing systems, handling robots, among others.

The torches used in our projects are manufactured in Brazil, allowing for fast replacement of consumables, in addition to the quality and reliability of the Sumig brand. The welding robots are supplied by OTC, a Japanese company and global leader in the manufacturing of components for robotic welding.

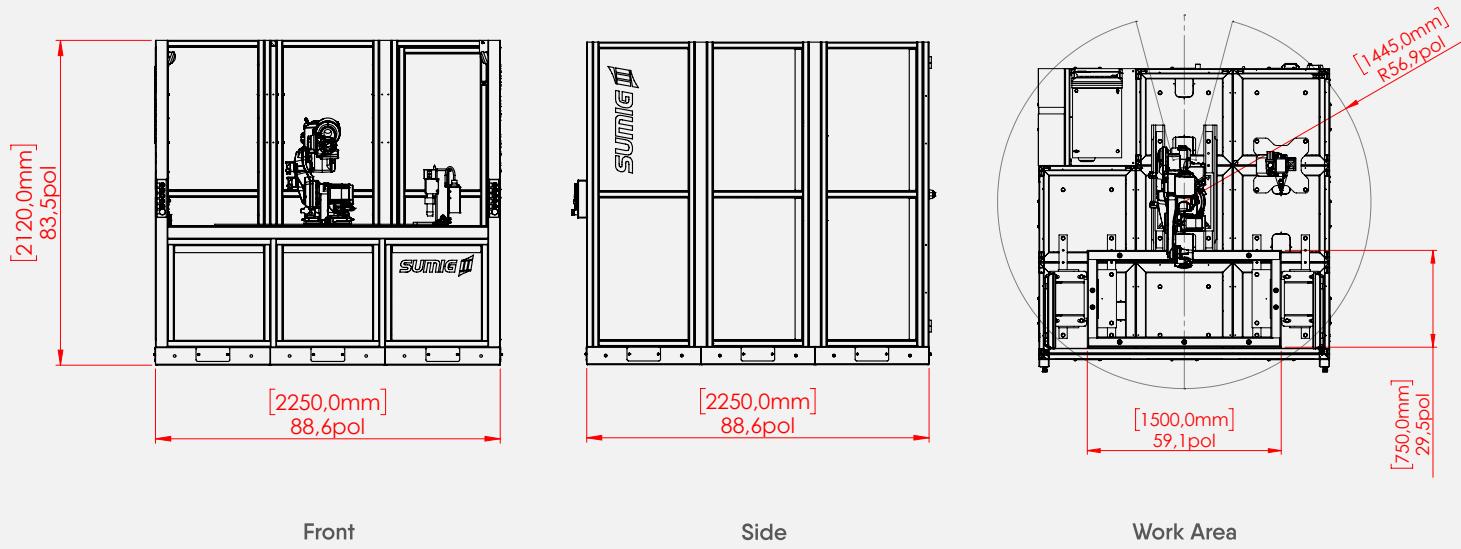
Technical Data

Table Size (Inches)	59.05 x 29.52
Table load capacity	1102.31 lb
Maximum current allowed for welding power source	50 A
Maximum current allowed for robot controller	16A
Power supply	220 V a 380V Three-phase
Weight	4409.25 lb
Power	26 KVA
Pressure	6 Bar
Flow rate	8,8 L/s
Overall dimensions (W x L x H)	90.35 in x 127.16 in x 106.29 in
Size in in ²	8711,017 in ²

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.



- 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.

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 robotic cells use OTC welding power sources featuring advanced intelligence technology. They weld up to 40% faster than comparable systems, making them the fastest power sources in the world;
- Deliver high welding precision with excellent quality in any type of application, without spatter;
- Intelligent control automatically adapts according to the type of base material being welded;
- Perfect arc stability is maintained throughout the entire welding process;
- High welding cycle speed, ensuring high productivity and automated applications;
- The fastest welding power source on the market, welding up to 40% faster than similar 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!



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