

# COBOTIC 100 SERIES

Rolleri Robotics

The COBOTIC 100 series machines are robotic cells that allow a meeting point between human skills and robots. COBOTIC 100 series is a high-technology automation system.

The main objective of the COBOTIC 100 series is the realization of advanced solutions but simple to use. A single cell can carry out different processes. The cooperation between man and robot guarantees creativity and problem solving.



## Features

- **FUNCTIONS** Programming activity with COBOTIC 100 is easy and suitable for small production batches. The remarkable software developments allow to simplify all programming activities with a significant reduction of programming time.
- **PRECISION** Cutting-edge technology thanks to the use of UR5e collaborative robot with 6 axes and 6 rotating DoF joints with +/-0.03mm precision and payload according to ISO 92833.
- **SIMPLE USE** Operations are quick and easy thanks to the most important commands being positioned on the torch handle. The touch screen control panel for programming and controlling the entire unit completes the equipment of COBOTIC 100.
- **EASY HANDLING** It is possible to configure and re-configure the layout of the production lines in an extremely agile way. The robotic cell structure has been designed for easy handling by forklift or crane, as it is composed of a unique part easy to be moved.
- **SAFETY** The robotic cell is completely safe thanks to automatic closing of all protection doors. Furthermore, the cell is equipped with many advanced adjustable safety devices, including the continuous monitoring of the robot's elbow. The whole cell is predisposed to guarantee a correct extraction of the fumes.
- **WORKING AREA** COBOTIC 100T is a robotic cell for TIG welding with a working range of 2400 mm x 1200 mm. Alternatively, it is possible to work with 2 stations of 1200mm x 1200mm.



## Specifications:

### ■ Dependencies

Compressed air, electricity, Argon supply or adequate gas for welding operations

### ■ Dimensions

2877 (height) x 3041 (length) x 1737 (width) [mm]

### ■ Certifications & Standards

In compliance with CE normative

### ■ What's in the box?

UR5e

linear axis

welding power source

closed cell

Collaborative Welding System (Welding Joystick + Welding SW)

Pneumatic predisposition for jigs

Data Exchange and Remote Support system

### ■ License type

One time purchase

