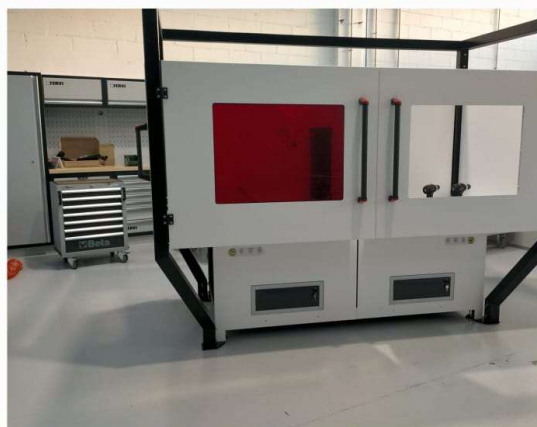


ROLLERI ROBOTIC

Technical sheet

ROBOTIC MIG WELDING CELL

COBOTIC 90M



DESCRIPTION:

Working station dimensions 2000x1000

Collaborative robot UR10e with a 12.5 kg payload and working radius of 1300 mm, allowing a large working field without losing in precision or working loads.

Removable central door which allows a single or double working station.

Boehler Uranos 3200 welding machine.

Implemented side and front panels which act as safety features in the welding process.

An automatic pneumatic tool exchange system can be implemented onto the machine allowing a deburring process

HANDLING:

For the unloading and positioning of the machine the following system can be used:

- Socket point with forklift whose capacity is not less than 25 q.
The size of the forks should not exceed 150mm X 50mm, with a minimum length of 110cm

PREDISPOSITION OF CONNECTIONS:

ELECTRICAL CONNECTION:

- N. 1 connection 400VAC 16A 3F+N 50HZ male industry standard. ABSORPTION: 10.4 KW
- N. 1 connection 230VAC 50HZ 2P+T male industry standard. ABSORPTION: 1.5 KW

CONNECTION FOR SUCTION:

- N.1 connections for flexible hoses with a diameter of 100mm ABSORPTION: 2000 m3/h

GAS CONNECTION FOR WELDING:

- N.1 Coupling for pipes with a diameter of 9mm or 11.5mm and a mixture suitable for the type of welding.

INDUSTRY 4.0 CONNECTION AND REMOTE ASSISTANCE (ON REQUEST):

In order to allow the connection, the cell must be connected to an internet network.

The connection to the Internet can be made in several ways:

- With RJ45 network cable (strongly recommended for remote assistance)
- Possibility of Wi-fi connection
- SIM card

The customer must associate the machine with an IP address that must then communicate.

OPTIONALS

- N.1 pneumatic connection working pressure not less than 7 bar consumption 10MI/min (the cell is provided with standard quick coupling AT023401 PROF. GERMANY MALE 1/4)
- MIG welding torch with a 0.6 diameter suitable for stainless steel operations.