



Robotic welding

Pick the Cell That Fits

 **veloweld**

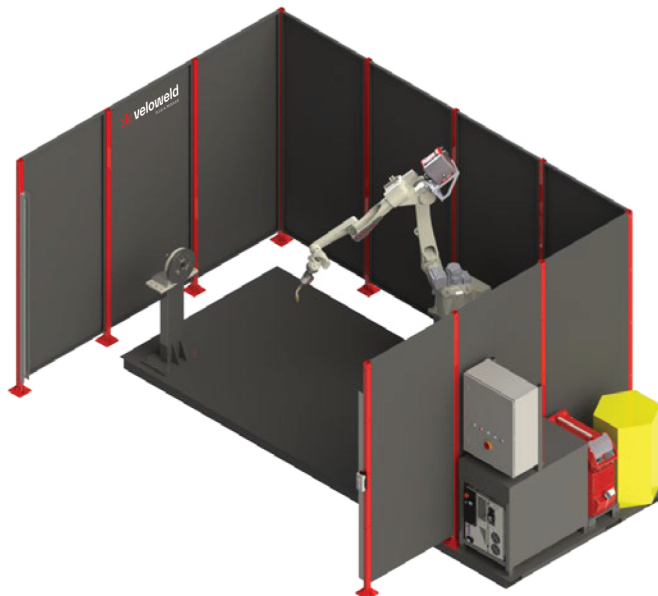
PLUG & PRODUCE

VELO-S

Compact welding cell with a single work area

VELO-S is the basic version of VELOWELD's compact welding cell. It is an economical solution designed for applications where weld quality is the top priority, and maximum production output is of secondary importance. Thanks to its simple design and intuitive operation, the cell is ideal for companies just beginning their welding automation journey or producing short, repeatable series.

The welding process in VELO-S follows a stop-and-go cycle – after the program is completed, the robot stops to allow the operator to remove the finished parts and load new components. Depending on production needs, the cell can be equipped with a Kawasaki Robotics welding robot, a welding power source from any brand, a cleaning station, a single- or two-axis positioner or a standard welding table, safety enclosure, and an HMI control panel.



OPTIONS



Welding table



Single axis positioner –
lift capacity up to
5000 kg



Double axis positioner –
lift capacity up to
500 kg

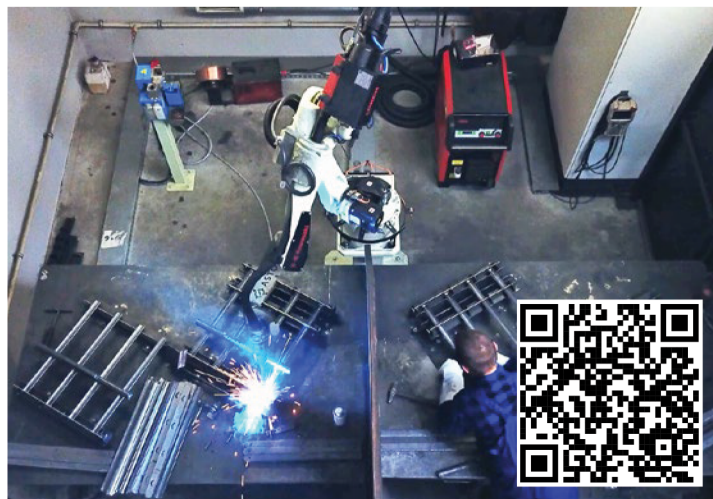


Linear track –
lift capacity up to
3000 kg

CASE STUDIES

"I made my dream come true. I am proud to have an industrial robot in my company. I have no concerns about robotisation and plan to further modernise the plant".

Sylwester Mikrut
President, MIKRUT

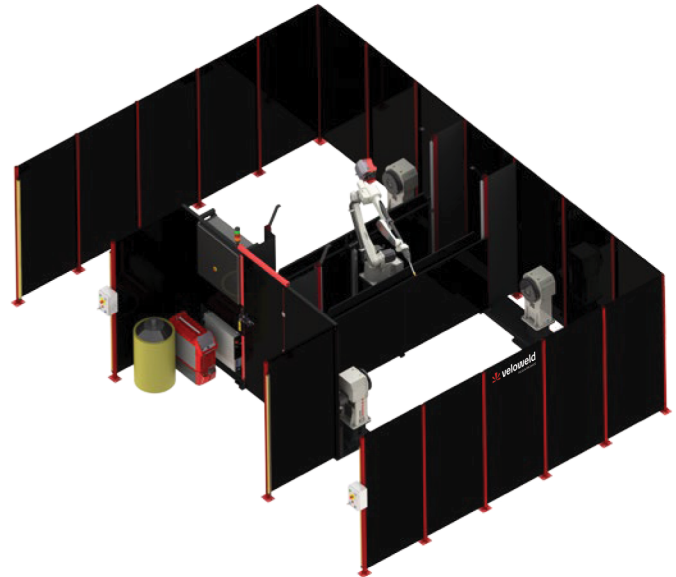


VELO-X

Welding cell with two independent work areas

VELO-X is a variant of VELOWELD's welding cell designed to increase process efficiency while maintaining high weld quality. With two independent work zones, the operator and robot can work in parallel – while welding takes place in one area, the operator prepares the next batch of components in the other. This setup minimizes downtime and significantly boosts production output without the need to expand the production line.

Like other models in the range, VELO-X offers a flexible configuration. It can be equipped with a Kawasaki Robotics welding robot, a welding power source from any brand, a cleaning station, two single- or two-axis positioners or welding tables, a safety fence, safety systems, and an HMI control panel.



OPTIONS



Welding table



Single axis positioner –
lift capacity up to
5000 kg



Double axis positioner –
lift capacity up to
500 kg

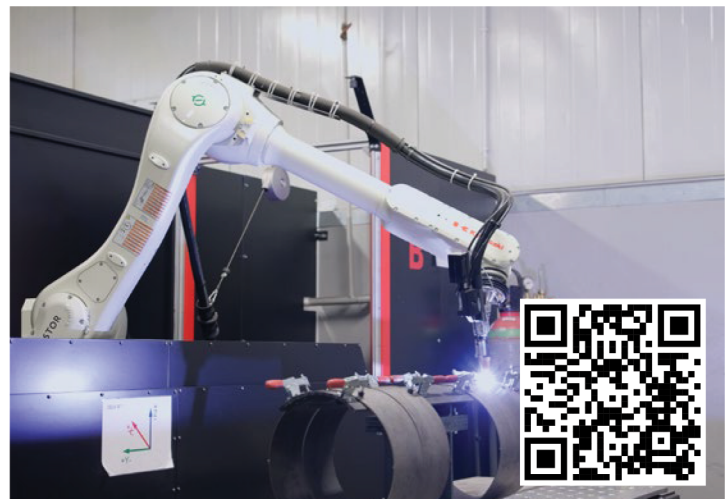


Double axis positioner –
lift capacity up to
250 kg

CASE STUDIES

"The investment in robotic welding stations has brought real change. Tasks that previously required a full day's work by a welder are now completed by a robot in just two hours, with full repeatability and the highest quality."

Rafał Chromiec
Chief Operating Officer PERFOPOL

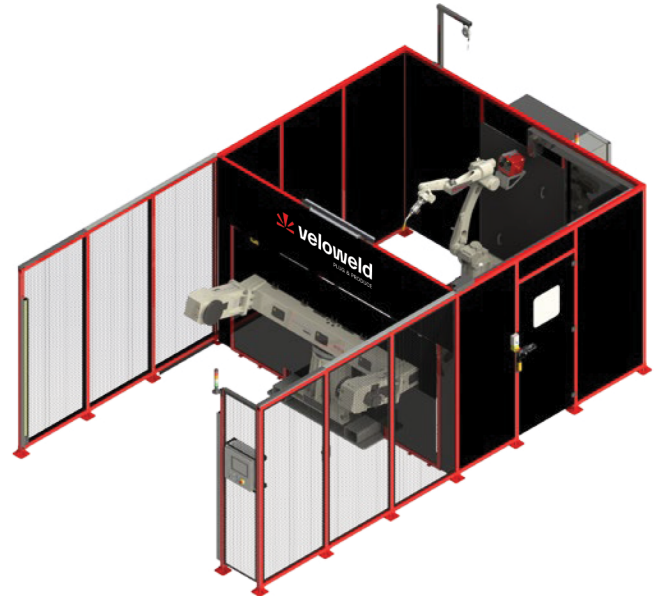


VELO-H

Welding cell with a dual-station rotary positioner

VELO-H is an advanced version of the VELOWELD welding cell, equipped with two work areas mounted on a shared rotary positioner. Similar to the VELO-X model, this configuration significantly increases production efficiency — while the robot is welding in one zone, the operator can safely prepare parts on the opposite side. However, VELO-H offers additional advantages: a more compact footprint and no need for the operator to walk around the cell, improving ergonomics and saving valuable floor space.

The VELO-H cell can be configured to meet specific customer requirements. It supports integration with a Kawasaki Robotics welding robot, a welding power source from any brand, a cleaning station, a three- or five-axis positioner, a safety fence, safety systems, and an HMI control panel.



OPTIONS



Single axis positioner –
lift capacity up to
1000 kg



Three axis positioner –
lift capacity up to
750 kg



Three axis positioner –
lift capacity up to
1000 kg



Five axis positioner –
lift capacity up to
500 kg



Three axis positioner –
lift capacity up to
1000 kg

CASE STUDIES

"The Kawasaki robot, working with the K-positioner and one operator per shift responsible for workpiece loading, meets – and even exceeds – our planned expectations. Previously, welders could produce one piece per minute. Now, the robot welds three pieces in just 1 minute and 15 seconds."

Kamil Sordyl
Production Plant Director ANIPOL

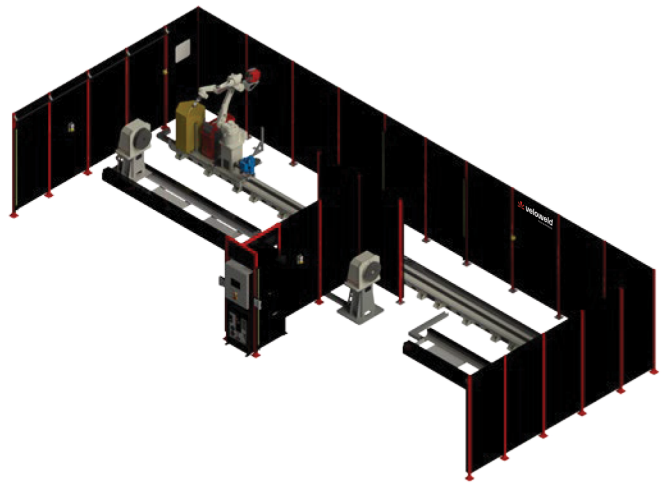


VELO-E

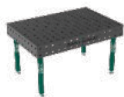
Welding cell with a robot on a linear track and two independent work areas

VELO-E is the flexible variant of the VELOWELD welding cell, designed for welding large components where the standard robot reach does not provide adequate coverage. The use of a linear track extends the robot's working range, enabling it to service two independent welding zones with a single robotic unit. This allows for simultaneous welding in one area while the operator prepares the next batch of parts in the other – all without compromising on quality or efficiency.

VELO-E also offers a cost-effective alternative to dual-robot systems. It supports a phased implementation approach – you can start with a single work zone and expand to a second one later, without needing to purchase an additional robot. The cell can be equipped with a Kawasaki Robotics welding robot, a welding power source from any brand, a linear track, two positioners or welding tables, and a full safety enclosure.



OPTIONS



Welding table



Linear track –
lift capacity up to
3000 kg



Single axis positioner –
lift capacity up to
5000 kg



Double axis positioner –
lift capacity up to
500 kg

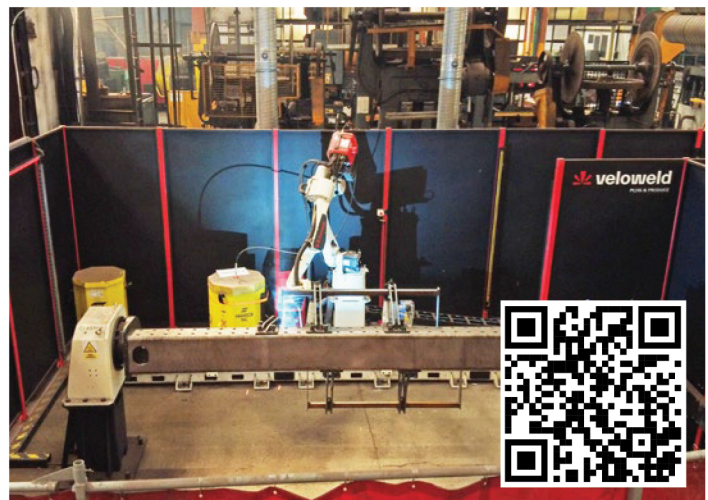


Double axis positioner –
lift capacity up to
2000 kg

CASE STUDIES

“These investments have played a key role in boosting the company's competitiveness and improving the efficiency of cost and resource management.”

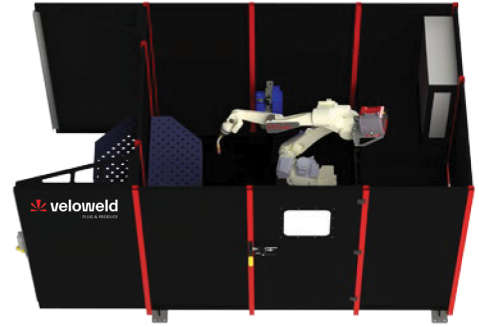
Tomasz Soboń
Chief Technical Officer UNIA GROUP



VELO-I

Welding cell with welding table and indexer

VELO-I is a compact welding cell dedicated to small parts. It is equipped with a welding indexer that has two working areas. While the robot is welding on the active side, the operator is unloading and loading parts on the passive side. All components are mounted on a support frame, which allows the entire machine to be relocated with a forklift. The diameter of the indexer's working table is selected individually based on the client's needs. The welding station can be equipped with a standard or a dedicated welding table.



THEY TRUST US





ASK ABOUT ROBOTIC WELDING



Przemysław Drzymala

**DIRECTOR,
VELOWELD WELDING COMPETENCE CENTER**

☎ +48 665 24 19 56

✉ przemyslaw.drzymala@astor.com.pl



Szymon Habecki

**ENGINEERING DEPT. MANAGER,
VELOWELD WELDING COMPETENCE CENTER**

☎ +48 603 71 89 07

✉ szymon.habecki@astor.com.pl



Wojciech Trojnar

**BUSINESS DEVELOPMENT MANAGER,
ASTOR GROUP**

☎ +48 691 700 212

✉ wojciech.trojnar@astor.com.pl



See more at
www.veloweld.com/en

VELOWELD is part of the **ASTOR Group** and brings over **10 years of experience** in the metal fabrication and processing industry. The company has delivered **more than 150 plug & produce robotic welding cells** to small and medium-sized enterprises across Poland, Europe, and the USA. Veloweld's solutions are built on **Kawasaki Robotics** technology and are fully compatible with leading welding power sources.

ASTOR Group is a company that for **35 years** has been helping manufacturing companies improve the efficiency of processes in industry, production and infrastructure through automation, robotisation and digitalisation.

www.astor.com.pl/en

 **veloweld**
PLUG & PRODUCE

 **ASTOR**