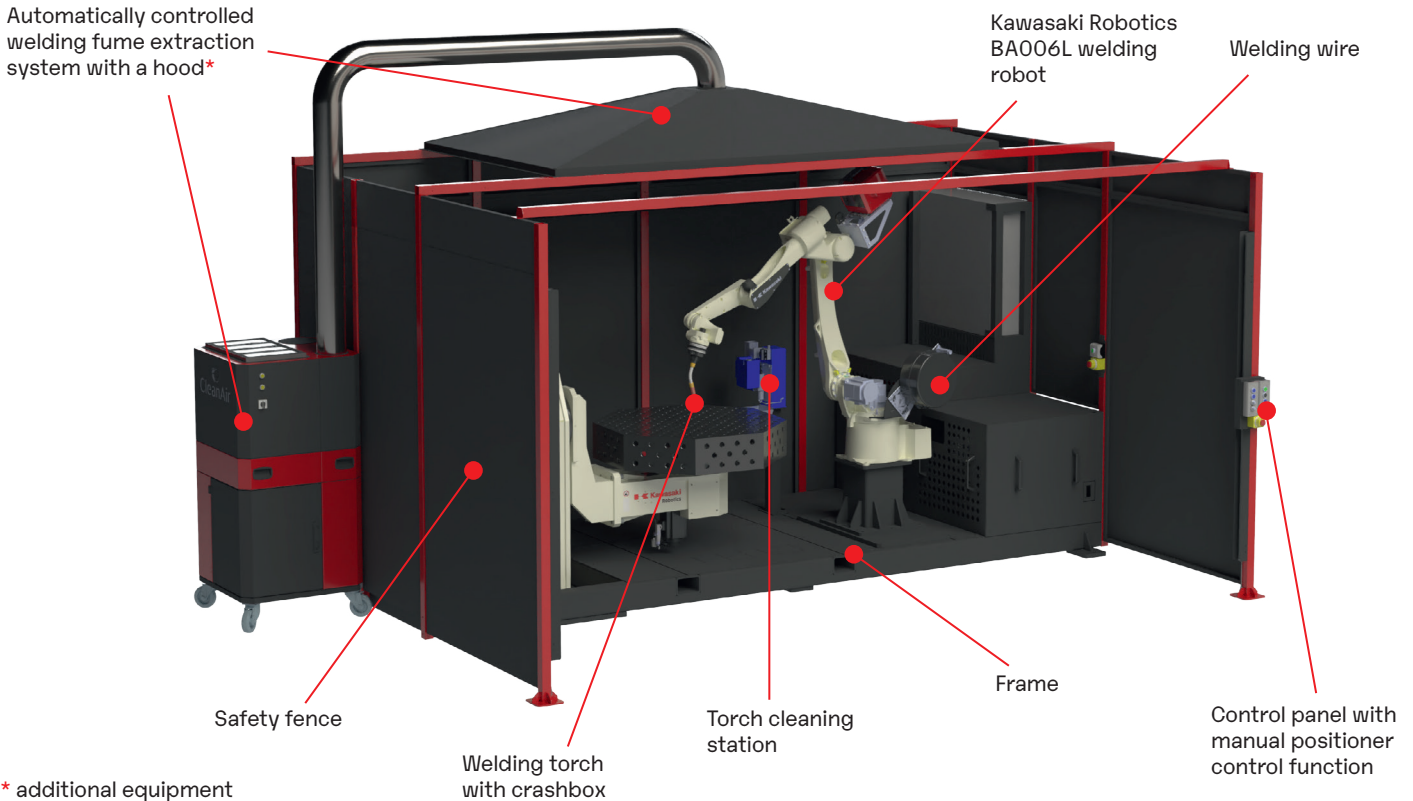


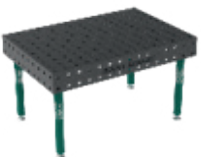
VELO-S

Compact welding cell with a single work area



VELO-S is the basic version of VELOWELD's compact welding cell. The workstation, thanks to its simple, universal design and easy operation, is suitable for a wide range of applications: for companies starting their journey with robotic welding, even for short production runs or complex parts with a three-dimensional shape. 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.

OPTIONS



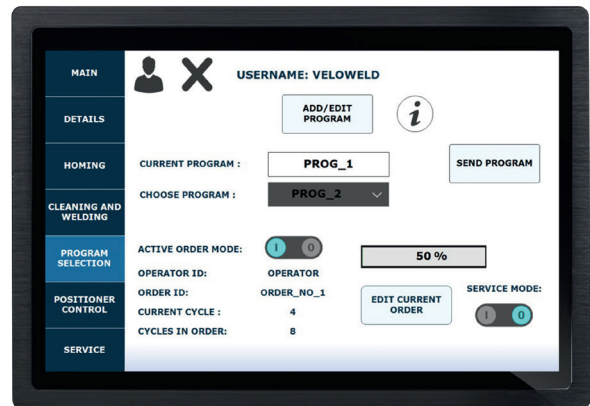
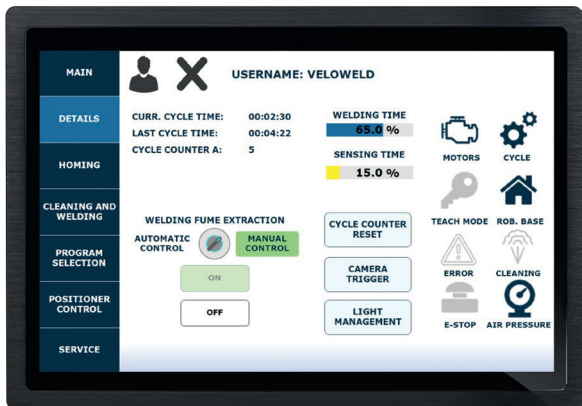
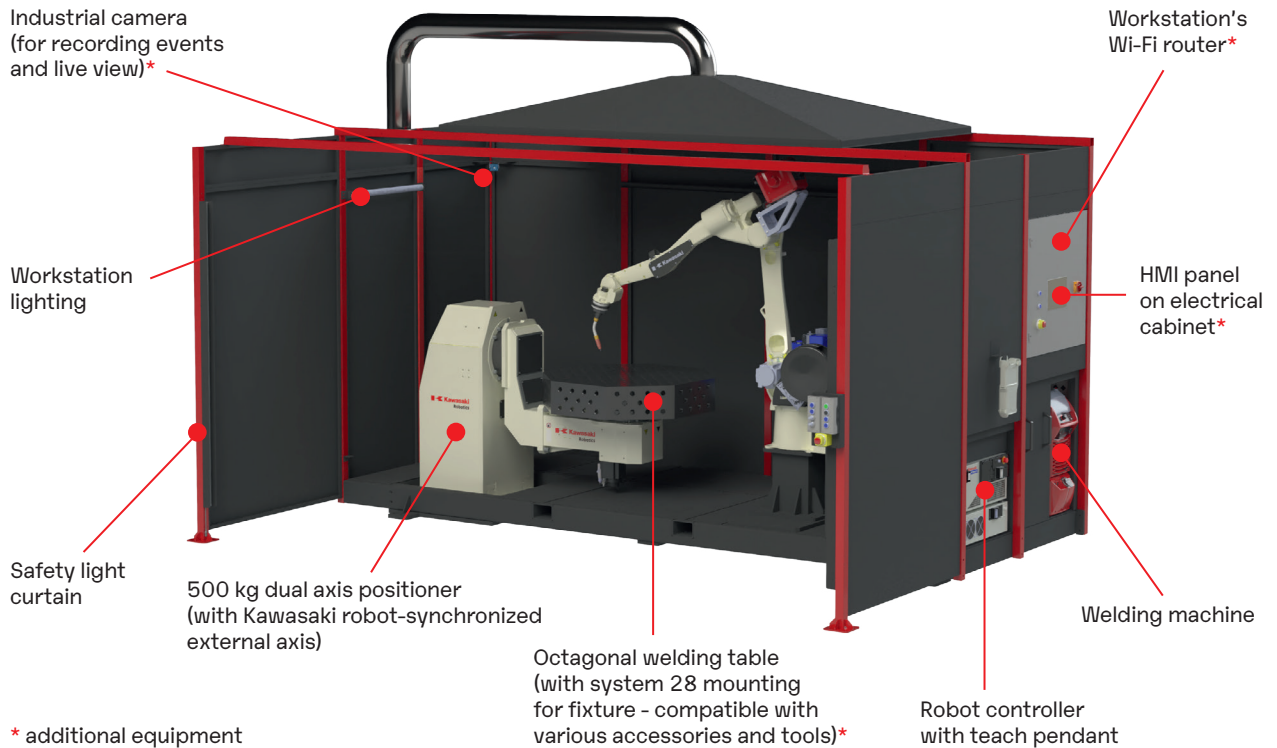
Welding table



Single axis positioner –
lifting capacity up to
2000 kg



Double axis positioner –
lifting capacity up to
500 kg



The workstation can be equipped with a range of technologies that support the work of programmers, operators, production supervision, and maintenance teams. An integrated HMI panel and PLC provides real-time access to key process parameters such as status of key elements of the workstation, total welding cycle time, welding time, cycle counter etc.

Program selection, monitoring of welding process parameters, control of the welding fume extraction system and even configuration of the cleaning station's operating mode are all managed directly from the HMI panel. Additionally, data such as robot operating status, production order name, and completed cycle count can be shared with the ERP system via a built-in OPC-UA protocol.



Thanks to the industrial camera installed at the workstation, it is possible to remotely view the workstation's operation via a web browser using a mobile device and the station's Wi-Fi network.

Its most important function is recording short video clips whenever robot errors occur – such as collisions or the disconnection of crashbox. This feature significantly improves diagnostics and helps verify the root cause of the error.



See more at
www.veloweld.com/en