

Valk Welding Group

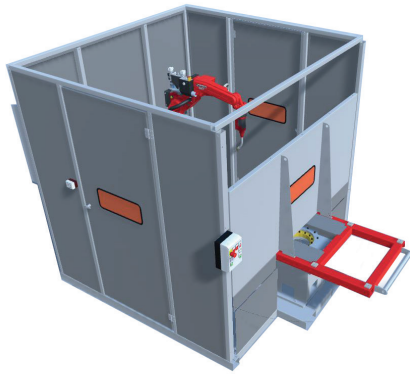
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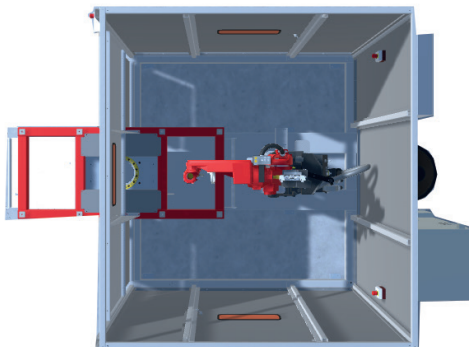
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FRAME-IT system

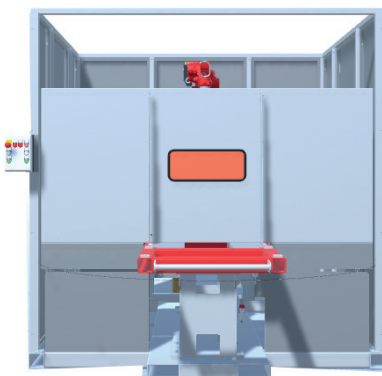




# FRAME-IT system

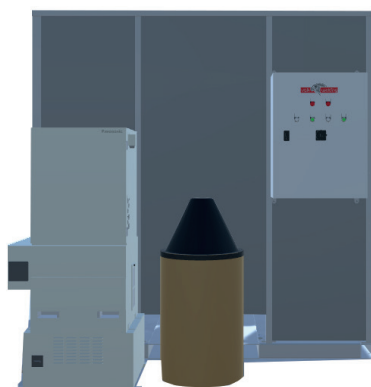


- Very compact welding cell
- 2 Working zones with manual index table
- Welding robot Panasonic TM1400WG3 with VWPR welding equipment
- Safety components, CE certified
- Plug & play solution



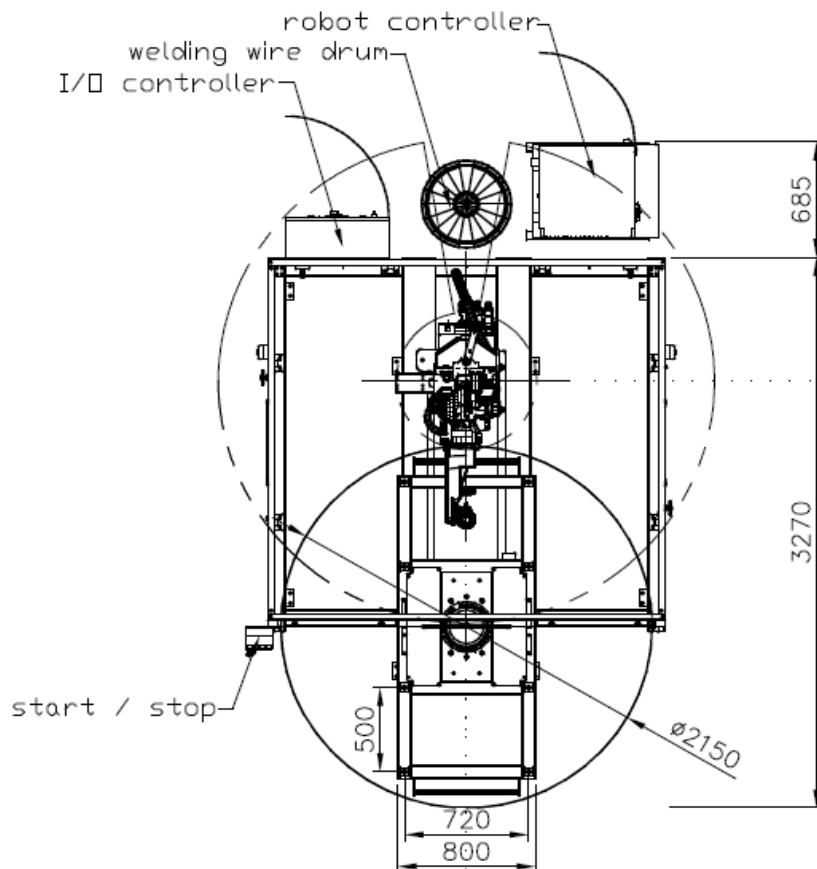
## ROBOTIC WELDING WITHOUT COMPROMISES

The robot system is equipped with the latest Panasonic TM1400WG3 welding robot with built-in SP-MAG/Hyper Dip Pulse 350A power source. It is a complete solution where everything comes from the same supplier and you enjoy the unique advantages of the ultimate integration of the power source into the robot controller. All welding parameters are freely programmable and can also be automatically determined with the Weld Navi function. You only need to specify the type of weld in combination with the plate thicknesses you want to weld.



Because we only use dedicated welding robots, the following features are present: start/stop control, weaving during the welding in different patterns, frequencies and delays, arc-start-retry function, wire stick control,...

**Easy to program with a very clear graphical interface.**



## DIMENSIONS OF THE CELL

## BASIC TECHNICAL SPECIFICATION OF THE FRAME-IT:

### Robot TM1400WG3

Robot reach 1437 mm

Repeatable position accuracy  $\pm 0.08$  mm

### Welding power source TAWERS WG

Power 350 A – duty cycle 80% short circuit, 60% pulse

VWPR gas cooled torch with VWPR  
pneumatical shock sensor

### Cell FRAME-IT

Dimensions 3270 x 2300 mm

Base frame + safety fence + service entrance

Manual turntable, station load 150 kg

Clamping frame for clamping fixture in workstation

Safety features, CE certification





# The strong connection



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