

## DOCKING STATION FOR SUMMIT-XL STEEL



THE CHARGING SYSTEM FEATURES AN **AUTOCENTERED BEHAVIOUR** OF THE ROBOT & SOME **SAFETY MEASURES** PREVENTING ELECTRICAL HAZARDS:

The robot contacts are equipped with an internal circuitry and a magnetic sensor

Internal circuitry permits the current flow only when the robot approaches the docking station

Also these values of current, voltage and power are shown in the docking display

The autocentered is performed by tracking an AR tag or using LIDAR intensity data

### TECHNICAL SPECIFICATIONS

Dimensions: 365 x 387 x 523 mm

AC Inlet: Conector c14 fused, with switch.

7A@115VAC / 3.5A@230VAC Selectable switch in the inner charger

Charging indicator display

DC Output: copper contacts , fused (7.5Amps ATO fuse)

Robot presence activation condition

Adjustable voltage 52-58.6V

Output max current 6.25A

2.4 hours full charge (standard 15Ah battery)



*\*\*\*Optionally, charger model can be substituted to 600W with 10.5A output max current. (1,4 hours full charge)*