



DOCKING STATION FOR RB-THERON

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

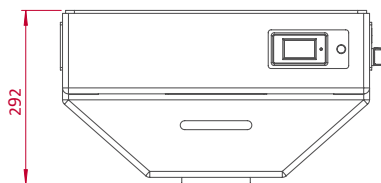
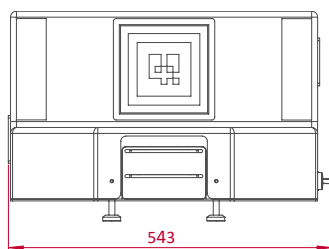
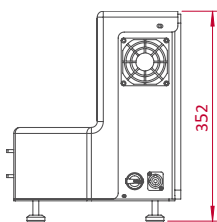
The robot contacts are equipped with an internal circuitry and a magnetic sensor

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: 543 x 292 x 352 mm

Input 115VAC/230VAC

Charging indicator display

DC Output: copper contacts , fused (15Amps ATO fuse)

Robot presence activation condition

Voltage 48V

Output max current 12.5A

1.2 hours full charge (standard 15Ah battery)

Manual charge possibility

Automated LEDs for illuminating the QR codes