

DOCKING STATION FOR RB-KAIROS+ SUMMIT-XL SUMMIT-XL STEEL



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

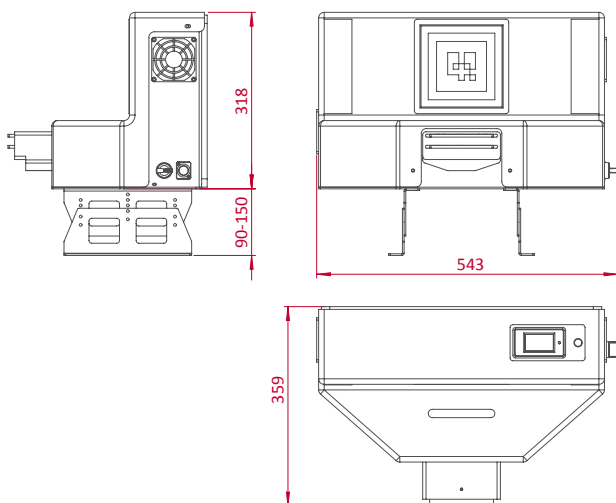
The robot contacts are equipped with an internal circuitry and a magnetic sensor

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: 543 x 359 x 333 mm

7A@115VAC / 3.5A@230VAC

Charging indicator display

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

Robot presence activation condition

Adjustable voltage 52-58.6 V

Output max current 12.5 A

1.2 hours full charge (standard 15Ah battery)

Manual charge possibility

Automated LEDs for illuminating the QR codes

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