

# AGV/AMR ROBOCLEANER

Flexible cleaning AMR that is suitable for logistics, industry, public areas, sports halls, etc.



# ROBOCLEANER



## SELF-SUFFICIENT OPERATION

- The operation of the cleaning robot is completely self-sufficient and no connection to a WiFi network is needed.



## NAVIGATION WITH OUR OWN SOFTWARE PLATFORM

- Unique software platform which, in combination with a powerful sensor system, ensures a high level of stability in navigation.
- It is one of the few machines that meet the EN IEC 63627 standard.



## USER INTERFACE

- The system is controlled through the touch display, which is intuitive and can be used by any worker without much prior knowledge.
- The user interface is multilingual.
- The start of the cleaning programs can be fully automated for every day of the week. If needed, additional executions might be started manually by the staff.



## INDUSTRIAL SUITABILITY

- The washing robot is CE certified for industrial use.
- High quality stainless steel components used elements, maintenance-free brushless motors.



## CLEANING CLOSE TO THE EDGE

- An additional side-mounted brush sweeps the dirt and particles towards the roller, which transports them into a collection container.



## AREAS OF USE

- Industrial production facilities.
- Public buildings.
- Logistics centre.
- Sports halls.



## FULL AUTONOMY WITH SERVICE STATION

- Autonomous battery charging.
- Autonomous fresh water fill up.
- Autonomous waste water disposal.



## TECHNICAL PARAMETERS

### Dimensions

|                |                            |
|----------------|----------------------------|
| Length         | 1,267 mm                   |
| Width          | 827 mm                     |
| Height         | 1,067 mm                   |
| Cleaning width | 700-750 mm with side brush |
| Weight         | 260 kg                     |

### Useful features

|                           |            |
|---------------------------|------------|
| Fresh water tank          | 60 l       |
| Wastewater tank           | 55 l       |
| Detergent container       | 2 l        |
| Max. cleaning performance | 2,750 m²/h |

### Motion

|               |               |
|---------------|---------------|
| Maximum speed | 1.1 m/s       |
| Movement      | Bidirectional |

### Safety

|               |            |
|---------------|------------|
| Safety device | 2 scanners |
|---------------|------------|

### Power

|                  |                                   |
|------------------|-----------------------------------|
| Battery          | Li-ION / 24 V / 120-180 Ah        |
| Charging station | Part of the service station S700C |

### Navigation

|                 |      |
|-----------------|------|
| Navigation type | SLAM |
|-----------------|------|

### Environment

|                               |          |
|-------------------------------|----------|
| IP class                      | IP 20    |
| Environment temperature range | 10-45 °C |

## SERVICE STATION S700C

### Dimensions

|        |        |
|--------|--------|
| Length | 366 mm |
| Width  | 986 mm |
| Height | 911 mm |
| Weight | 37 kg  |

### Power and media connection

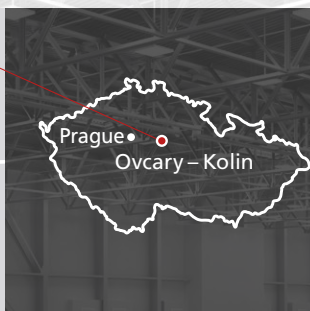
|                 |                        |
|-----------------|------------------------|
| Electric power  | 230 V                  |
| Waste container | 3/4" min. 3 max. 6 bar |

### Environment

|                               |          |
|-------------------------------|----------|
| IP class                      | IP 20    |
| Environment temperature range | 10-45 °C |



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