crescent
Industrial cleaning equipment

Create Clean with Rugged Industrial Cleaning Equipment

Autonomous Robots for Industrial Cleaning Applications

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CR700 Scrubber-Dryer Robot

The world's first fully autonomous scrubber dryer machine for industrial users needing automated cleaning of large floor areas in warehouses, food and beverage, and manufacturing applications. An integrated docking station means the CR700 floor scrubber automatically fills up the clean water tank and chemicals, empties the dirty water tank and self-charges the batteries completely autonomously.

Designed and manufactured in Germany by Adlatus Robotics, the rugged CR700 is specifically designed for frequent scrubbing and drying of large floor areas. It is the only industrial scrubber-dryer robot on the market offering users a fully autonomous system and subsequent saving of labour costs and better use of staff resources.

Features

- **Service station for fully autonomous cleaning** - Using the CR700 service station means the robot automatically loads the clean water tank, automatically empties the dirty water tank and self-charges the battery pack. Zero operator intervention required!
- **Powerful mapping and navigation** - The CR700 uses 3D laser scanners or landmarks to confidently clean complex and changing environments.
- **German design and manufacture of both software and hardware** - The CR700 is built as a robot from the ground up, meaning world class navigation and tough industrial build including maintenance free brushless motors and stainless-steel build.
- **Fully transparent reporting** - Demonstrate that cleaning has been completed according to the agreed schedule with email reports on completion of cleaning tasks.
- **Free software upgrades** - As technology evolves so does your robot!
- **Manual of automatic cleaning modes** - The CR700 can be used as a standard cleaning robot in manual cleaning mode for spot cleaning of once off requirements.

Specifications

- 1500m2/h cleaning performance
- 700mm cleaning path
- 68ltr clean and dirty water tanks
- 200rpm brush speed
- 0.8m/s maximum cleaning speed
- Dimensions (L/W/H): 1000mm/805mm/980mm
- 230kg weight including battery