



Floor cleaning robot CLINABO

Cleaning robot as a partner

Concept

As the falling birthrate and the aging of the population and the labor force decrease, it is becoming difficult for the cleaning industry to secure workers, and business cleaning robots are considered to be an effective alternative to manual work. Therefore, we are developing floor automatic cleaning robot which is superior in operability and maintainability for the purpose of reducing burden on workers and equalizing cleaning quality.

Features

- **Development of automatic driving function**
The cleaning route memorized by teaching is corrected even if wheel slip occurs, and automatic traveling function.
- **Priority cleaning function by dirt detection sensor (to be developed)**
A function that can cleanly clean dirt that was missed by human eyes with the dirt detection sensor.
- **Improved operability and maintainability**
Easy to use operability by anyone, easy to understand maintenance.
- **Improve cleaning quality**
Absorb individual difference by automatic operation, even if anyone operates uniform cleaning quality.
- **Safety measure**
 - Stop when detecting people or obstacles.
 - Even when detecting the staircase, escalator, home edge, etc., it stops and does not fall.

