

ABSTRACT

A HIGH-RISE WALL CLEANING ROBOT

A high-rise wall cleaning robot, comprising a main control box, a left propeller, a right propeller, a cleaning device and a traction winch assembly; the bottom end of the traction winch assembly is connected with the main control box; the left propeller and the right propeller are respectively connected to the two sides of the main control box in the horizontal direction; the cleaning device is arranged on the side of the main control box which is close to the wall, and the cleaning device is electrically connected to the main control box; the traction winch assembly, the left propeller and the right propeller are respectively electrically connected to the main control box. The robot is hoisted on the outer of the high-rise wall, and the staff locates far away from the building and can clean the wall by remoter with automation. At the same time, the staff do not have to hang outside of the high-rise wall, and there is no cleaning staff. It is not possible falling while the staff do the cleaning work and is safer to reduce the loss of the enterprise and also convenient, and safe for cleaning operations.

Figure 1