CLAIMS

1. A cleaning robot, comprising:

a machine body (10);

a driving system (30), the driving system (30) being disposed on the machine body (10) and being configured to drive the cleaning robot to operate on a cleaning surface; and

a cleaning system (20), the cleaning system (20) being disposed on the machine body (10), the cleaning system (20) comprising a main cleaning assembly (24) disposed in parallel relative to the cleaning surface, and the main cleaning assembly (24) being movably disposed relative to the machine body (10), such that at least part of the main cleaning assembly (24) is capable of extending from a circumferential outer edge of the machine body (10).

2. The cleaning robot according to claim 1, wherein an angle between the main cleaning assembly (24) and a transverse axis of the machine body (10) is less than 90 degrees.

3. The cleaning robot according to claim 2, wherein the main cleaning assembly (24) is movably disposed in an arrangement direction of the main cleaning assembly (24).

4. The cleaning robot according to claim 3, wherein the arrangement direction of the main cleaning assembly (24) is parallel to the transverse axis of the machine body (10).

5. The cleaning robot according to any one of claims 1 to 4, wherein the main cleaning assembly (24) comprises a fixed support (22) and a cleaning head (21) disposed in the fixed support (22), and the fixed support (22) is movably disposed on the machine body (10).

6. The cleaning robot according to claim 5, wherein the machine body (10) is provided with a mounting space (13), and the fixed support (22) is movably disposed in the mounting space (13), wherein a channel (14) being in communication with the mounting space (13) is disposed on the circumferential outer edge of the machine body (10), and the fixed support (22) is capable of being formed by extending through the channel (14), such that the fixed support (22) has a retracted state in which the fixed support is retracted into the mounting space (13) and an extended state in which the fixed support extends out of the mounting space (13); or

wherein the cleaning robot also comprises a limiting member (60), the limiting member (60) is connected to the machine body (10), and the limiting member (60) is in limiting contact with

the fixed support (22) to prevent the fixed support (22) from disengaging from the machine body (10),

wherein the fixed support (22) is movably disposed relative to the limiting member (60);

or, wherein the cleaning robot also comprises a driving assembly (70), and the driving assembly (70) is in driving connection with the fixed support (22) to drive the fixed support (22) to move relative to the machine body (10).

7. The cleaning robot according to claim 6, wherein the limiting member (60) comprises a fixed base (61) and a sliding part (62), the sliding part (62) is disposed on the fixed base (61), the fixed base (61) is connected to the machine body (10), and the fixed support (22) is movably disposed relative to the sliding part (62),

wherein there are at least two limiting members (60), and the fixed support (22) is clamped between the limiting members (60).

8. The cleaning robot according to claim 6, wherein the driving assembly (70) comprises:

a driving part (71), the driving part (71) being disposed on the machine body (10);

a driving wheel (72), the driving wheel (72) being connected to the driving part (71); and

a connecting rack (73), the connecting rack (73) being connected to the fixed support (22), and the connecting rack (73) being engaged with the driving wheel (72), such that the driving part (71) drives, through the driving wheel (72) and the connecting rack (73), the fixed support (22) to move.

9. The cleaning robot according to claim 5, wherein the cleaning head (21) comprises a wet cleaning head.

10. The cleaning robot according to claim 9, wherein the cleaning robot further comprises a liquid supply part (40), the liquid supply part (40) is disposed on the machine body (10), and the liquid supply part (40) feeds cleaning liquid into the wet cleaning head (21).

11. The cleaning robot according to claim 10, wherein the cleaning robot further comprises a recycling system (50), the recycling system (50) is disposed on the machine body (10), the the recycling system (50) comprises a collecting part (51), the collecting part (51) collects residues

on the wet cleaning head (21) and/or a surface to be cleaned;

wherein the collecting part (51) and the liquid supply part (40) are disposed along a longitudinal axis of the machine body (10).

12. The cleaning robot according to claim 11, wherein the cleaning system (20) is located between the collecting part (51) and the liquid supply part (40);

or, wherein the recycling system (50) further comprises a power part (52), and the power part (52) is in pneumatic communication with the collecting part (51) to collect residues into the collecting part (51);

wherein a blocking part (53) is disposed on a path through which the power part (52) is in communication with the collecting part (51);

or, wherein the the recycling system (50) further comprises a scraping strip (54), the scraping strip (54) is in contact with the cleaning head (21), the scraping strip (54) is provided with a water absorbing port (541), and the water absorbing port (541) is in communication with the collecting part (51).

13. The cleaning robot according to claim 12, wherein the machine body (10) comprises a forward portion (11) and a rearward portion (12), and the liquid supply part (40) and the collecting part (51) are located in the forward portion (11) and the rearward portion (12), respectively.

14. The cleaning robot according to claim 13, wherein the blocking part (53) is disposed in the collecting part (51) to divide the collecting part (51) into a first chamber (511) and a second chamber (512) that are in communication with each other, the blocking part (53) is provided with a filter hole, such that the first chamber (511) and the second chamber (512) are in communication with each other through the filter hole (531).

15. The cleaning robot according to claim 14, wherein a volume of the first chamber (511) is greater than a volume of the second chamber (512), the first chamber (511) is provided with an inlet (513) through which residues are collected into the collecting part (51), and the second chamber (512) is provided with an outlet (514) through which the second chamber is in communication with the power part (52).