

| Specification of Omnie                 |                                      |                                                                                    |                                                                                   |                                                                                     |                                                                                     |
|----------------------------------------|--------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Model                          |                                      | Omnie Disc Brush Version                                                           |                                                                                   | Omnie Roller Brush Version                                                          |                                                                                     |
| Product version                        |                                      | Standard Non-IEC Version                                                           | IEC version                                                                       | Standard Non-IEC Version                                                            | IEC version                                                                         |
| Picture                                |                                      |   |  |  |  |
| Basic information                      | Size                                 | 810mm (L) * 700mm (W) * 1070mm (H)                                                 |                                                                                   | 810mm (L) * 700mm (W) * 1070mm (H)                                                  |                                                                                     |
|                                        | Net weight                           | 157kg                                                                              |                                                                                   | 148kg                                                                               |                                                                                     |
|                                        | Scrubbing width                      | 520mm                                                                              |                                                                                   | 406mm                                                                               |                                                                                     |
|                                        | Sweeping width                       | Pre-sweeping module coming soon                                                    |                                                                                   | 780mm including side brushes                                                        |                                                                                     |
|                                        | Mopping width                        | 715mm                                                                              |                                                                                   | 715mm                                                                               |                                                                                     |
| Max. cleaning efficiency (Theoretical) | Scrubbing                            | 2621 sqm/h                                                                         |                                                                                   | 2046 sqm/h                                                                          |                                                                                     |
|                                        | Dust mopping:                        | 3604 sqm/h                                                                         |                                                                                   | 3604 sqm/h                                                                          |                                                                                     |
| Screen type                            | Scrubbing                            | 2059 sqm/h                                                                         |                                                                                   | 3931sqm/h                                                                           |                                                                                     |
|                                        | Dust mopping:                        | 2831 sqm/h                                                                         |                                                                                   | 2831 sqm/h                                                                          |                                                                                     |
| Screen                                 | LCD all-in-one touchscreen           | LCD all-in-one touchscreen                                                         |                                                                                   | LCD all-in-one touchscreen                                                          |                                                                                     |
|                                        | Screen size                          | 10.1 inches                                                                        |                                                                                   | 10.1 inches                                                                         |                                                                                     |
|                                        | Resolution Ratio                     | 1280 * 800 px                                                                      |                                                                                   | 1280 * 800 px                                                                       |                                                                                     |
|                                        | Localization method                  | SLAM                                                                               |                                                                                   | SLAM                                                                                |                                                                                     |
|                                        | Main LIDAR                           | 3D LIDAR (Max. detection range: 100m)                                              |                                                                                   | 3D LIDAR (Max. detection range: 100m)                                               |                                                                                     |
| Sensor                                 | Single-beam LIDAR                    | 2 (1* Front LIDAR, 1* Rear LIDAR)                                                  |                                                                                   | 2 (1* Front LIDAR, 1* Rear LIDAR)                                                   |                                                                                     |
|                                        | RGB camera                           | 4 (Front and Rear, Left and Right, FOV: 360° view)                                 |                                                                                   | 4 (Front and Rear, Left and Right, FOV: 360° view)                                  |                                                                                     |
|                                        | Depth camera                         | 1 (Front oblique)                                                                  |                                                                                   | 1 (Front oblique)                                                                   |                                                                                     |
|                                        | Anti-Drop sensor                     | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
|                                        | Collision sensor                     | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
| Max. Gradeability                      | 8%                                   | 2%                                                                                 |                                                                                   | 8%                                                                                  |                                                                                     |
|                                        | Min. detectable obstacle height      | 30mm                                                                               |                                                                                   | 30mm                                                                                |                                                                                     |
|                                        | Max. cleaning speed                  | 1.4m/s                                                                             |                                                                                   | 1.4m/s                                                                              |                                                                                     |
|                                        | Min. turning radius                  | 0mm                                                                                |                                                                                   | 0mm                                                                                 |                                                                                     |
|                                        | Min. cleaning distance from the wall | 132mm (edge of disc brush to the wall)<br>0mm (edge of squeegee blade to the wall) |                                                                                   | 0mm (edge of squeegee blade or side brush to the wall)                              |                                                                                     |
| Maneuverability                        | Min. pass width                      | 800mm                                                                              |                                                                                   | 800mm                                                                               |                                                                                     |
|                                        | Min. pass height                     | 1100mm                                                                             |                                                                                   | 1100mm                                                                              |                                                                                     |
|                                        | Min. U-turn width                    | 1100mm                                                                             |                                                                                   | 1100mm                                                                              |                                                                                     |
|                                        | Max. gap pass-over width             | 35mm                                                                               |                                                                                   | 35mm                                                                                |                                                                                     |
|                                        | Max. obstacle pass-over height       | 15mm                                                                               |                                                                                   | 15mm                                                                                |                                                                                     |
| Main brush type                        | Disc brush * 2                       | Height Adjustable                                                                  |                                                                                   | Roller brush * 2                                                                    |                                                                                     |
|                                        | Max. down pressure                   | 25kg                                                                               |                                                                                   | 25kg                                                                                |                                                                                     |
|                                        | Cleaning width of disc brush         | 520mm                                                                              |                                                                                   | /                                                                                   |                                                                                     |
|                                        | Disc brush motor speed               | 240rpm                                                                             |                                                                                   | /                                                                                   |                                                                                     |
|                                        | Disc brush motor power               | 2 * 150 W                                                                          |                                                                                   | /                                                                                   |                                                                                     |
| Size of roller brush                   | /                                    | /                                                                                  |                                                                                   | ø72 * 406mm                                                                         |                                                                                     |
|                                        | Cleaning width of roller brush       | /                                                                                  |                                                                                   | 406mm                                                                               |                                                                                     |
|                                        | Roller brush motor speed             | /                                                                                  |                                                                                   | 1000rpm                                                                             |                                                                                     |
|                                        | Rated roller brush motor power       | /                                                                                  |                                                                                   | 2*150W                                                                              |                                                                                     |
|                                        | Rated suction motor power            | 560W                                                                               |                                                                                   | 560W                                                                                |                                                                                     |
| Water tank capacity                    | Clean/Waste water tank: 33L / 24L    | Clean/Waste water tank: 33L / 24L                                                  |                                                                                   | Clean/Waste water tank: 33L / 24L                                                   |                                                                                     |
|                                        | Filtration system                    | Yes (upgrades clean water capacity to 70L equivalent)                              |                                                                                   | Yes (upgrades clean water capacity to 70L equivalent)                               |                                                                                     |
|                                        | Coverage on a full tank water        | Max. 4,000m <sup>2</sup> (With Filtration System On)                               |                                                                                   | Max. 4,000m <sup>2</sup> (With Filtration System On)                                |                                                                                     |
|                                        | Squeegee width                       | 780mm                                                                              |                                                                                   | 780mm                                                                               |                                                                                     |
|                                        | Scrubbing runtime                    | Max. 3h                                                                            |                                                                                   | Max. 3h                                                                             |                                                                                     |
| Roller brush                           | /                                    | /                                                                                  |                                                                                   | Roller brush * 2                                                                    |                                                                                     |
|                                        | Size of roller brush                 | /                                                                                  |                                                                                   | ø72 * 406mm                                                                         |                                                                                     |
|                                        | Cleaning width of roller brush       | /                                                                                  |                                                                                   | 406mm                                                                               |                                                                                     |
|                                        | Roller brush motor speed             | /                                                                                  |                                                                                   | 1000rpm                                                                             |                                                                                     |
|                                        | Rated roller brush motor power       | /                                                                                  |                                                                                   | 2*150W                                                                              |                                                                                     |
| Side brush                             | /                                    | /                                                                                  |                                                                                   | 2 * Side brush                                                                      |                                                                                     |
|                                        | Size of side brush                   | /                                                                                  |                                                                                   | ø310mm (Sweeping width 780mm)                                                       |                                                                                     |
|                                        | Side brush motor speed               | /                                                                                  |                                                                                   | 80rpm                                                                               |                                                                                     |
|                                        | Rated side brush motor power         | /                                                                                  |                                                                                   | 2*48W                                                                               |                                                                                     |
|                                        | Sweeping runtime                     | Max. 8h (Pre-sweeping module coming soon)                                          |                                                                                   | Max. 8h                                                                             |                                                                                     |
| Mopping pad width                      | 715mm                                | 715mm                                                                              |                                                                                   | 715mm                                                                               |                                                                                     |
|                                        | Mopping runtime                      | Max. 8h                                                                            |                                                                                   | Max. 8h                                                                             |                                                                                     |
| Breakpoint continuation                | Yes                                  | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | Mobile APP                           | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | Offline operation                    | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | Cloud management                     | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | Task report / Task alarm             | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
| Clean area / Restricted area Setting   | Yes                                  | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | OTA                                  | Yes                                                                                |                                                                                   | Yes                                                                                 |                                                                                     |
|                                        | Battery voltage                      | 24V                                                                                |                                                                                   | 24V                                                                                 |                                                                                     |
|                                        | Battery capacity                     | 60Ah LFP                                                                           |                                                                                   | 60Ah LFP                                                                            |                                                                                     |
|                                        | Charging time                        | 2h                                                                                 |                                                                                   | 2h                                                                                  |                                                                                     |
| Push-assist handle                     | Standard                             | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
|                                        | Voice notification                   | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
|                                        | 4G/Wi-Fi                             | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
|                                        | Lora                                 | Standard                                                                           |                                                                                   | Standard                                                                            |                                                                                     |
|                                        | IP Level                             | IPX3                                                                               |                                                                                   | IPX3                                                                                |                                                                                     |
| Sound level                            | <70dB                                | <70dB                                                                              |                                                                                   | <70dB                                                                               |                                                                                     |