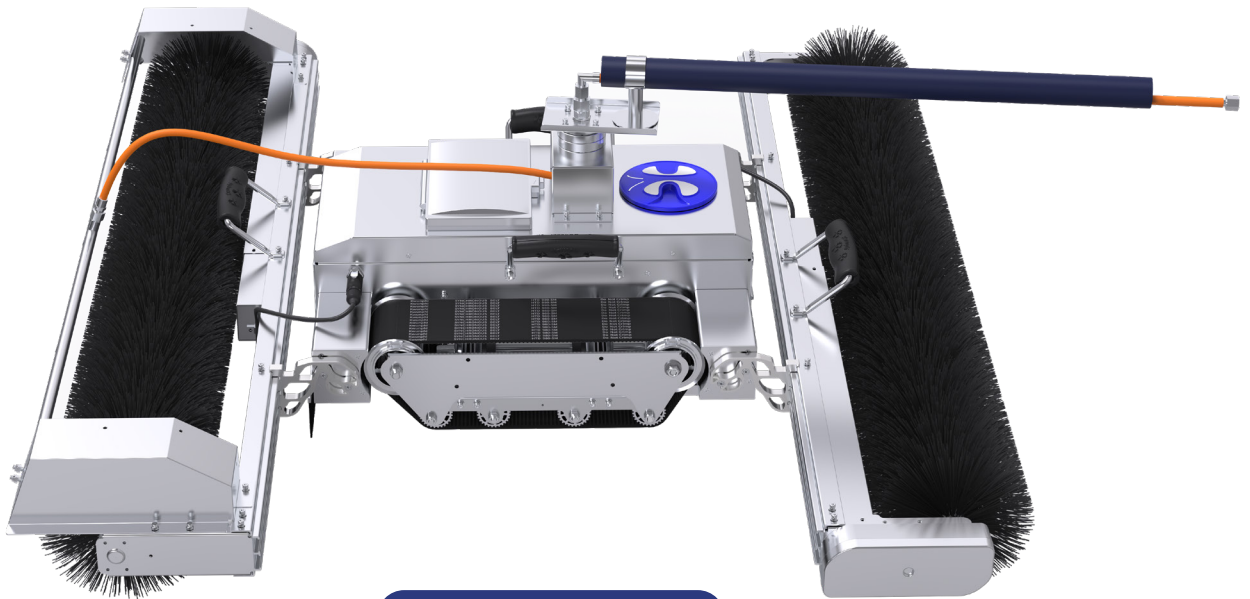




KWUNPHI



B30L2

KWUNPHI —

The Advocator of High Standard Clean Quality

| Dry Brushing | Project | Water Washing |
|-----------------------|------------------------|-------------------------|
| 0~20° | PV panel Angle* | 0~10° |
| -20~80℃ | PV panel Surface Temp. | 0~80℃ |
| -20~50℃ | Environment Temp. ★ | 0~50℃ |
| 40mm | PV panel Gap | 40mm |
| 30mm | PV Height Difference | 25mm |
| water Washing Angle | Rainfall | 25~50 mm Light rain |
| 62~74 km/h Fresh Gale | Wind Power | 29~38 km/h Fresh Breeze |
| IP 55 | IP Rating | IP 55 |

* PV panel angle data ultimately depends on the characteristics of the contaminant.

(★ Shenzhen Kwunphi reserves the right to interpret the data)

Kwun B30L2 Technical Specification

| | | |
|------------------|--|---|
| Technology | Based on TianyunOS Operating System | |
| | Based on Glass vSLAM Visual Navigation Technology | |
| | Based on Goodzenn Path Planning Technology | |
| | Based on Ai-KWUN Operating Platform | |
| | Based on OTA-KWUN Operating Platform | |
| Life & Endurance | Design Life: | 6 years |
| | Warranty(whichever comes first): | 1 year or 2400 hours |
| | Battery Capacity: | 15Ah |
| | The Battery Life*: | 4 hours |
| | Charging Time: | 3 hours |
| | 8 Hours Battery Life: | Replace The Battery Every 4 hours |
| Ability to Clean | Dust (adhesion $\leq 10^{-6}\text{N}$) : | $\geq 99\%$ |
| | Dust Accumulation (adhesion $\leq 10^{-4}\text{N}$) : | $\geq 95\%$ |
| | Dried Guano (adhesion $\leq 10^{-2}\text{N}$): | $\geq 85\%$ |
| | Cleaning Efficiency: | $\geq 600\text{m}^2/\text{h}$ |
| Shape | Body Size* (without brushes): | 585*560*250mm |
| | Body Weight* (without brushes): | 23.8kg |
| | Brush*(detachable): | 7.2kg (B type); 7.6kg (C type) |
| | Brush and Water Branch*: | 8.3kg (B type); 8.7kg (C type) |
| | Brush length*: | 1235mm (B type); 1405mm (C type) |
| Manipulation | Maximum of Single Control: | 24 sets |
| | Roof RECO Maximum Number Operate: | 4 sets |
| | RECO Maximum Number Operate on Slopes: | 4 sets |
| | Software Upgrade: | OTA |
| | Work at Night | Yes |
| | View Logs in Real Time: | Yes |
| | UAV Retraction: | Yes |
| | Unmanned on Approach Bridge: | Yes |
| | APP Control Remotely: | Yes |
| | Close Distance Remote Control* (Optional): | Yes |
| | Breakpoint Continuation: | Yes |
| | Adjust the Brush Speed: | Yes |
| | Rated Brush Speed: | 145r/min |
| Security | Working Mode: | Autonomous Work; Mobile APP |
| | Positioning Mode: | AI Semantic Vision |
| | Positioning Accuracy: | $\leq 10\text{mm}$ |
| | Steering Mode : | High Precision Adsorption Steering Mechanism |
| | Anti-fall Protection : | AI Semantic Vision + Ultrasonic |
| | Anti-skid : | Track Self-cleaning + High Precision Deviation Correction Algorithm |
| | Protection Rate : | IP65 |
| | Security : | 10000 Cycles without Microcrack |

* Battery life may vary due to different situation, loads, battery consumptions and other factors.

* Weight and size of robots may vary slightly due to the change of suppliers.

* The optional functions must be completed before leaving the factory, return to the factory to install parts will also charge the corresponding cost of hours, parts and express fees.

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