

Commercial and Industrial Autonomous Floor Cleaning Solutions



**PRINGLE[®]
ROBOTICS**

Our integrated robotic solutions enable precise and efficient floor cleaning for large commercial and industrial facilities. All units are fully autonomous and natively built with the latest AMR operating system—never retrofitted.

INDOOR



CC1 Pro

AI-Powered Autonomous
Cleaning Robot

The CC1 Pro autonomously manages the entire cleaning cycle—from dirty debris detection and adaptive cleaning intensity adjustment to real-time cleanliness assessment and self-monitoring of cleaning components.

- Nominally cleans 7,000 ft²/hr
- Vacuum, mop, scrub, sweep + AI-Spot Cleaning
- Runtime 5 - 9 hrs depending on mode
- Charge time < 3 hrs
- Use on hard floors and low-pile carpet
- Auto workstation included to charge, dump & refill water

BG1

AI-Native Large
Scrubber-Dryer Robot

Powered by AI vision, the BG1 detects and targets messes in real-time and enables high-efficiency, continuous cleaning in various industrial and commercial environments.

- Nominally cleans 21,500 ft²/hr
- AI magic clean + stain recognition
- One-pass sweep + scrub
- Industry-first extendable edge cleaning
- Runtime 7.5 hrs; Charge time 3 - 4 hrs
- WiFi and Sim card capable
- Advanced human & object avoidance
- Auto workstation included to charge, dump & refill



INDOOR

INDOOR



CC5

Heavy Duty Autonomous
Floor Scrubber

This 32-inch industrial floor scrubbing and sweeping robot cleans most types of hard floors and is equipped with advanced environmental sensing, mapping, and self-maintenance tech.

- Nominally cleans 40,000 ft²/hr
- Dual rotating brushes for sweep + scrub
- Runtime 3 - 6 hrs
- Charge time 1.5 hrs to 80%, <4 hrs full
- WiFi and Sim card capable
- Advanced human & object avoidance
- Auto workstation + auto cleaning of recover tank

INDOOR

MT1-Vac

AI Powered Robotic Sweeper & Vacuum

The world's first AI-powered autonomous high-efficiency sweeper + vacuum, the MT1 Vac is ideal for large-scale commercial and industrial environments.

- Nominally cleans 15,000 ft²/hr
- AI visual trash recognition + debris targeting
- Dual-fan deep vacuuming boosts suction by 200%
- Runtime 3.5 - 6 hrs; Charge time < 3.5 hrs
- WiFi and Sim card capable
- Advanced human & object avoidance



INDOOR/OUTDOOR

MT1 Max

AI-Powered 3D Perception Robotic Sweeper

Powerful autonomous sweeping for semi-outdoor environments like patios, courtyards and walkways + environments with high-speed dynamic obstacles like parking garages.

- Nominally cleans 15,000 ft²/hr
- AI visual trash recognition + debris targeting
- 3D LiDAR = dynamic avoidance of vehicular and human traffic
- Automatic filter cleaning preserves suction and filtration efficiency
- Runtime ~8 hrs; Charge time < 3.5 hrs
- WiFi and Sim card capable



MT5

Indoor-Outdoor Autonomous Sweeper

This autonomous sweeper for large indoor and outdoor spaces simplifies exterior surface maintenance with rugged, unstoppable cleaning power.

- Nominally cleans 32,000 ft²/hr
- Large debris sweeping on hard surfaces including parking lots and sidewalks
- GPS enabled for accurate positioning in almost any environment
- Runtime 6 hrs; Charge time 4 hrs
- WiFi and Sim card capable
- Advanced human & object avoidance

INDOOR/OUTDOOR



TURF CARE

RM21 & Z42P

Autonomous Robotic Commercial Lawn Mowers

AI path planning, LiDAR & GPS-guided navigation enable safe and dependable unmanned mowing on a large scale.

RM21

- Fully autonomous, all electric
- Climbs slopes of up to 20° without getting stuck
- Mows 23 acres/3 days without human intervention

Z42P

- Autonomous and manual capability
- Electric only + extended range options
- Mows 30 acres/3 days electric; 65 acres/3 days extended

