

# AUTONOMOUS CLEANING ROBOTS

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## TN10-PRO



The Future of Cleaning, at Your Service.

# TN10-PRO

## Versatile Cleaning System

Sweeps, scrubs and vacuums different floor types with powerful suction.

## Slim Body Flexibility

Cutting-edge AI navigation for precise cleaning in small and complex environments.

## Optimized Cost

Compact, light, and powerful commercial cleaning at an affordable cost.



## Cleaning Supplies



Dry Debris Tray(1L Capacity)



HEPA Air Filter



2.5\"D Sweeping Brush



Vacuum Dust Bag



2.5\"D Scrubbing Brush



Filter Box



2.5\"D Micro-Fiber Brush



Inlet Refill Hose



The automatic workstation ensures multiple 100% autonomous cleaning missions per day.



Optional Manual Mode, with convenient telescoping handle.



Detailed mapping technology enables systematic coverage and customized cleaning schedules.



Quiet operation and compact design suitable for offices, retail, and commercial spaces.

# TN10-PRO

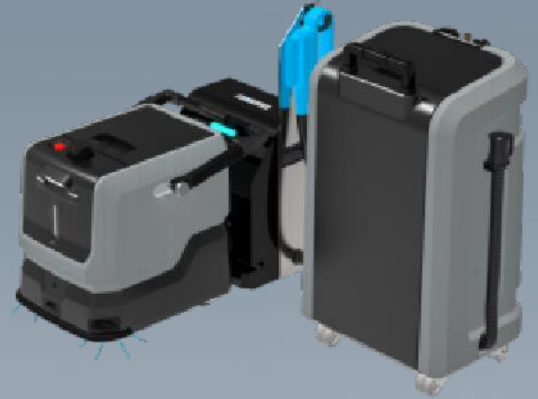
## Docking Station Options



With Charging Dock



With Workstation



With Workstation + Mobile Water Tank

## Specifications




Charging Dock

Workstation

Mobile Water

	Charging Dock	Workstation	Mobile Water
Dimension(L*W*H)	14" * 7.5" * 14" 35.7cm * 19cm * 37.5cm	22" * 10" * 17" 55cm * 25cm * 44cm	20" * 12" * 31" 50cm * 30cm * 80cm
Clean Water Tank Capacity			13.2gal / 50 L
Recovery Tank Capacity			10.6gal / 40 L
Wastewater Tank Capacity		1.06 gal / 4 L	
Maximum Drainage Rate		1.06 gal/min or 4 L/min	1.06 gal/min or 4 L/min
Input Voltage	AC 85~264V	AC 85~264V	DC 24V
Output Voltage	DC 29.2V	DC 29.2V	
Operating Temperature	0 - 40°C / 32-104°F	0 - 40°C / 32-104°F	0°C - 45°C / 32-113°F
Operating Humidity	≤90% RH (40°C)	≤90% RH (40°C)	≤90% RH (40°C)
Storage Temperature			-20°C - 45°C / -4-113°F
Communication Method		Bluetooth	
Protection Level		IPX4	IPX4

# TN10-Pro Specifications



Dimension(L*W*H)	20.5" * 16.5" * 19.3" 52 cm * 42 cm * 49 cm
Battery	DC 25.6 V   20 Ah
Charging Time	<2 hours
Battery Run-Time	3 - 8 hours
Brush Head Type	Double roller brush
Brush Cleaning Width	13.7" (35 cm)
Rotating Speed of Brush	0-700 RPM
Gross Weight	57 lbs (26 kg) (without water)
Climbing Ability	10 % (Transport)   6 % (Cleaning)
Max Cleaning Efficiency	8,138 ft <sup>2</sup> /h (756 m <sup>2</sup> /h)
Edge Distance	0 cm
Quiet Operation	<65 dB (A)
Solution Tank Volume	2.6 gal (10 L)
Recovery Tank Volume	2.6 gal (10 L)
Trash Bin Capacity	0.26 gal (1 L)
Ground Pressure	0.56 psi (39.6 g/cm <sup>2</sup> )
Maximum Velocity	1.34 mph (0.6 m/s)
Operating Temperature	0°C 40°C (32°F 104°F)
Manual Drive	Standard
Cloud Platform	Standard
Sensors	Solid State Line Lidar / IMU / Electronic Bumper Strip / 2D-Lidar / Liquid Level Sensor/ Speaker / Odometer / 3D TOF / Monocular Camera

# AUTONOMOUS CLEANING ROBOTS

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## TN70-PRO

Cylindrical Brush Cleaning Robot



The Future of Cleaning, at Your Service.

# TN70-PRO

## Cylindrical Brush Cleaning Robot



### The World' s Most Intelligent Cleaning Robot

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The N70 combines advanced AI, real-time decision-making, and industry-leading sensors to optimize cleaning efficiency, accuracy, and safety.



### Professional-Grade Commercial Floor Cleaning

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Built for high-traffic environments, the N70 delivers powerful scrubbing, suction, and filtration for deep cleaning with minimal labor.



### Exclusive 'Never-Lost' 360° Autonomous Software

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Our AI-driven navigation ensures precise mapping, real-time obstacle avoidance, and optimized routes for uninterrupted cleaning.



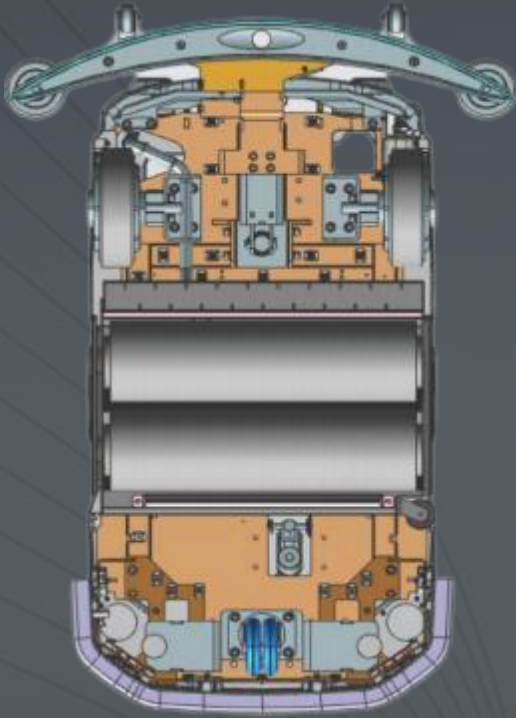
### Free OTA Reports, Service, and Longer Warranties

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Get free software updates, real-time performance reports, and industry-leading service plans with extended warranties for maximum reliability.

# TN70-PRO

## Cylindrical Brush Cleaning Robot



Dual Cylindrical Brush

2L Debris Tray



TN70 Pro



Charger



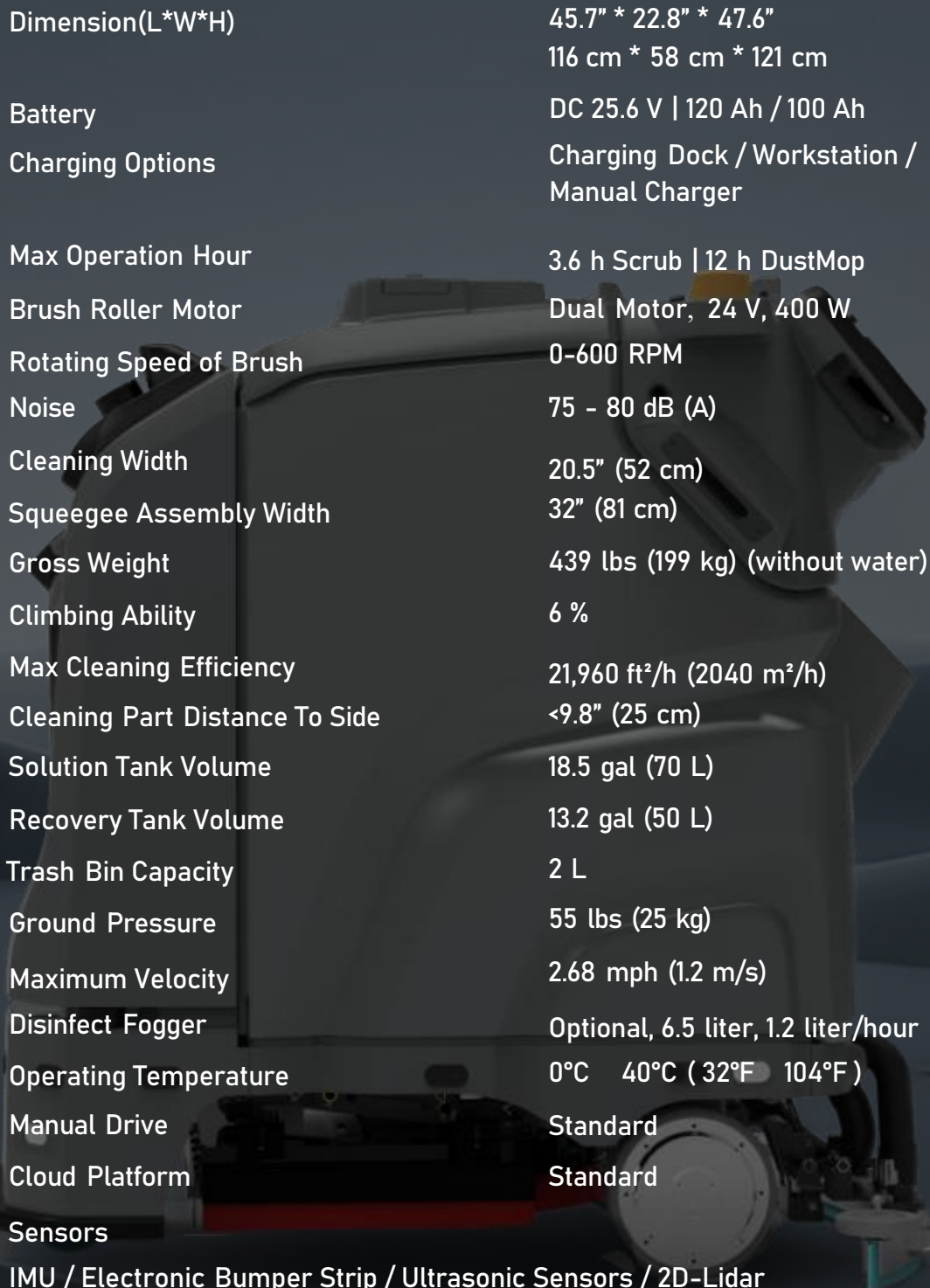
Workstation



Charging Dock

# TN70 Specifications

## Cylindrical Brush Cleaning Robot



Dimension(L*W*H)	45.7" * 22.8" * 47.6" 116 cm * 58 cm * 121 cm
Battery	DC 25.6 V   120 Ah / 100 Ah
Charging Options	Charging Dock / Workstation / Manual Charger
Max Operation Hour	3.6 h Scrub   12 h DustMop
Brush Roller Motor	Dual Motor, 24 V, 400 W
Rotating Speed of Brush	0-600 RPM
Noise	75 - 80 dB (A)
Cleaning Width	20.5" (52 cm)
Squeegee Assembly Width	32" (81 cm)
Gross Weight	439 lbs (199 kg) (without water)
Climbing Ability	6 %
Max Cleaning Efficiency	21,960 ft <sup>2</sup> /h (2040 m <sup>2</sup> /h)
Cleaning Part Distance To Side	<9.8" (25 cm)
Solution Tank Volume	18.5 gal (70 L)
Recovery Tank Volume	13.2 gal (50 L)
Trash Bin Capacity	2 L
Ground Pressure	55 lbs (25 kg)
Maximum Velocity	2.68 mph (1.2 m/s)
Disinfect Fogger	Optional, 6.5 liter, 1.2 liter/hour
Operating Temperature	0°C 40°C ( 32°F 104°F )
Manual Drive	Standard
Cloud Platform	Standard
Sensors	IMU / Electronic Bumper Strip / Ultrasonic Sensors / 2D-Lidar Liquid Level Sensor / 3D Depth Camera

# AUTONOMOUS CLEANING ROBOTS

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## TN70-PRO

Disc Brush Floor Cleaning Robot



The Future of Cleaning, at Your Service.

# TN70-PRO

## Disc Brush Floor Cleaning Robot



### The World's Most Intelligent Cleaning Robot

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The N70 combines advanced AI, real-time decision-making, and industry-leading sensors to optimize cleaning efficiency, accuracy, and safety.



### Professional-Grade Commercial Floor Cleaning

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Built for high-traffic environments, the N70 delivers powerful scrubbing, suction, and filtration for deep cleaning with minimal labor.



### Exclusive "Never-Lost" 360° Autonomous Software

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Our AI-driven navigation ensures precise mapping, real-time obstacle avoidance, and optimized routes for uninterrupted cleaning.



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# N70-PRO

## Disc Brush Floor Cleaning Robot



TN70 Pro



Charger



Charging Dock



Workstation

- TN70, TN70C and TN70W 3-in-1 for easier inventory and flexibility.
- Customer can start with a manual charger, then add a charging dock or workstation if environment available.

## Specifications

### Charging Dock

Dimension(L*W*H)	17.7" * 13.8" * 21.7" 45cm * 35cm * 55cm
Weight	40.8 lb / 18.5kg
Input Voltage	100-240V
Output Voltage/Current	29.2V/ 30A

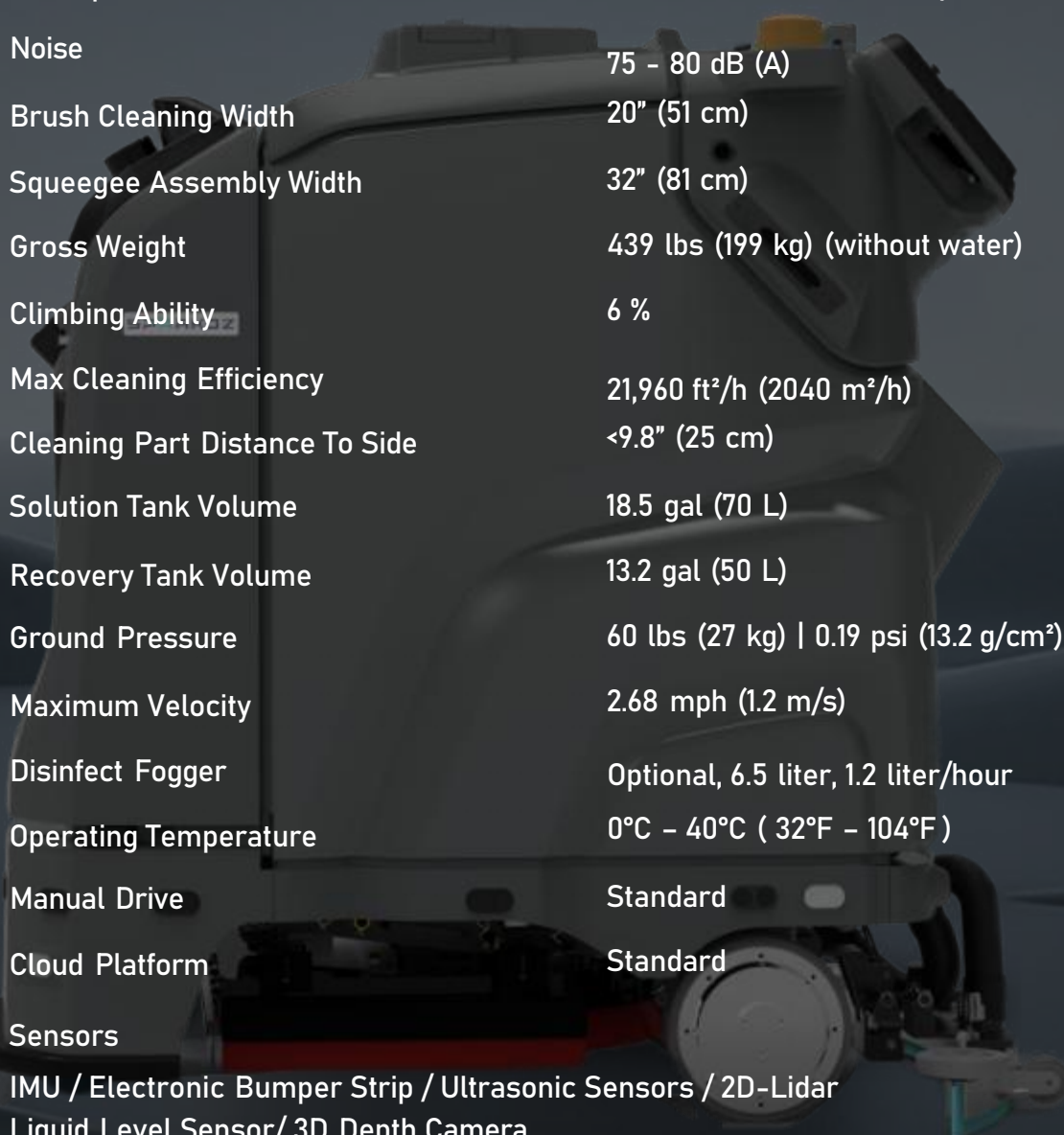


### Workstation

Dimension(L*W*H)	23.6" * 19.3" * 26" 60cm * 49cm * 66cm		
Weight	83.8 lb / 38 kg		
Input Voltage	100-240V		
Output Voltage/Current	29.2V/ 30A		
Rated Power	900W		
Operating Temperature	0 - 45°C / 32-113°F	Working Humidity	20%-75%RH
Storage Temperature	-20 - 45°C / -4-113°F	Storage Humidity	20%-93%RH



# TN70-Pro Specifications



Dimension(L*W*H)	45.7" * 22.8" * 47.6" 116 cm * 58 cm * 121 cm
Battery	DC 25.6 V   120 Ah / 100 Ah
Charging Options	Charging Dock / Workstation / Manual Charger
Max Operation Hour	3.6 h Scrub   12 h DustMop
Noise	75 - 80 dB (A)
Brush Cleaning Width	20" (51 cm)
Squeegee Assembly Width	32" (81 cm)
Gross Weight	439 lbs (199 kg) (without water)
Climbing Ability	6 %
Max Cleaning Efficiency	21,960 ft <sup>2</sup> /h (2040 m <sup>2</sup> /h)
Cleaning Part Distance To Side	<9.8" (25 cm)
Solution Tank Volume	18.5 gal (70 L)
Recovery Tank Volume	13.2 gal (50 L)
Ground Pressure	60 lbs (27 kg)   0.19 psi (13.2 g/cm <sup>2</sup> )
Maximum Velocity	2.68 mph (1.2 m/s)
Disinfect Fogger	Optional, 6.5 liter, 1.2 liter/hour
Operating Temperature	0°C - 40°C ( 32°F - 104°F )
Manual Drive	Standard
Cloud Platform	Standard
Sensors	IMU / Electronic Bumper Strip / Ultrasonic Sensors / 2D-Lidar Liquid Level Sensor/ 3D Depth Camera