

# AT600

AMR Robot

[www.nantatech.com](http://www.nantatech.com)



- ▶ Founded in **2018** as **MNT Technologies** and later in **2023** taken over by **Nanta Tech Private Limited**, the company focuses on **Turnkey ELV projects** delivering **AV, IT, CCTV, Fire Alarm, Robotics, and AI solutions** across multiple industries.
- ▶ Demonstrated innovation at major expo like **INFOCOM, FITAG, AVICN, and Palm 2024**.
- ▶ Achieved public listing on **Bombay Stock Exchange** in 2025, marking our growth from startup to global leader in equitable technology. Today Nanta Tech Limited become a public Limited company.
- ▶ **Mission**  
To put the power of intelligent machines in service of people — building robotics, autonomous vehicle-grade AI, and AV solutions that make industries safer, operations smarter, and human potential limitless.
- ▶ **Vision**  
A world where intelligent machines work alongside humanity as trusted partners — eliminating preventable harm, unlocking human creativity, and making India a global force in robotics and AI.

# JOURNEY SO FAR

Exclusive partner for brands like BOSE, KRAMER, COMMSCOPE, LIBERTY AV, SAMSUNG IFP, MAXHUB, RUIGGE, NEARITY

Acquired MNT, established Nanta Tech Pvt Ltd, and launched Allbotix & OEM manufacturing.

Listed on BSE – SME Platform



SME AWARDS



BUSINESS EXCELLENCE FROM MAXHUB



AV- ICN AWARDS



BSE -SME AWARD 2025

2019

2023

2025

2018

2020

2024

2026

Founded as MNT Technologies

Started working on Service Robots

Transitioned to a Public Limited Company

- RSVP Takeover
- AI Platform: Ntalk & Ntra
- U.A.E Regional Office in DUBAI



Path Breakers 2.0 by YOUNG Indians



AHMEDABAD BUSINESS EXCELLENCE AWARDS IN IT INDUSTRY



- **Robotics Solutions:**

A core market strength, our robotics division provides specialized automation for the Hospitality, Healthcare, Education (Smart Schools), Manufacturing, and Logistics sectors. We deliver comprehensive hardware and software integration tailored to meet specific industrial demands and client-specific workflows.



- **Nanta Tech AI and Software Development:**

We provide industry-native artificial intelligence and end-to-end technical solutions designed to bridge the gap between complex data and real-world execution. By integrating computer vision, natural language processing, and edge-computing navigation directly with hardware, we empower autonomous systems to eliminate operational bottlenecks in real-time. Beyond deploying specialized machine learning models, we offer a comprehensive digital ecosystem that includes professional training, high-performance web and mobile development, and bespoke software engineering to ensure your workflows are as intelligent as they are efficient.



- **AV Solutions:**

Nanta Tech delivers comprehensive end-to-end audio-visual solutions, seamlessly integrating AI-driven technology into corporate and commercial environments—from boardrooms and conference spaces to large auditoriums, immersive LED video walls, and advanced video conferencing ecosystems. Supported by a robust distribution network, we provide a premium range of high-performance AV hardware, including interactive flat panels, professional conferencing systems, high-speed connectivity infrastructure, and next-generation LED video walls—ensuring seamless communication, collaboration, and impactful visual experiences at every scale.

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Overview

The ALLBOTIX AT600 Series is a robust, next-generation Industrial Delivery Robot (AMR) engineered by ALLBOTIX Robotics for automated material transport. Its defining feature is a massive 600 kg (1322 lbs) payload capacity, making it ideal for high-volume logistics in factories and warehouses. The series includes a Standard model for direct cargo transport and an Underride model designed to autonomously lift and move racks or shelves. Navigation is handled by advanced LiDAR and VSLAM technology, ensuring accurate movement and dynamic obstacle avoidance in complex industrial settings. The AT600 supports 24/7 non-stop operation thanks to its long battery life and fast-charging capabilities. It integrates seamlessly into larger systems using protocols like VDA5050 for efficient fleet management. This robot significantly streamlines intralogistics, reduces labor intensity, and boosts overall operational efficiency. The ALLBOTIX AT600 is your powerful solution for modernizing and scaling industrial supply chains.





**ALLBOTIX**  
PIONEERING THE ROBOTIC FRONTIER

# AT600

Logistic Solution

Heavy-payload Industrial Delivery Robot



600 KG  
Payload Capacity



Two Modes,  
Freely Selectable



Rack Group  
Recognition



Support  
VDA5050 Protocol



Idle Elevator  
Priority Scheduling



On-premises  
Deployment

AT600 Underride

AT600



# Product Feature

Customizable

AI expert & Best Navigator

Extremely Cute Design

Multimodal Intersection

Safe and Stable Movements

# Accessory Highlights

- **600 kg Max Payload**

The robot features a robust frame and powerful drive system engineered to handle an exceptional 600 kg (1322 lbs) load, drastically reducing material transfer frequency and increasing production line throughput.

- **Dual Model Design**

The series is offered in two forms: the Standard Model with a high-strength cargo platform and screen for easy interaction, and the Underride Model with a low-profile chassis designed to autonomously drive under, lift, and move industrial racks or shelves.

- **Rack Group Recognition (Underride Model)**

This advanced visual system allows the Underride model to precisely identify, locate, and align itself with designated industrial racks, ensuring unmanned, accurate docking and lifting for high-density logistics applications.



# Accessory Highlights



- **Interactive Touchscreen and Handle**  
The Standard AT600 is equipped with an ergonomic handle and a large touchscreen interface, allowing human operators to easily switch between manual towing, setting destinations, and monitoring the robot's status directly on the factory floor.
- **VDA5050 Protocol Support**  
The T600 adheres to the international VDA5050 standard, enabling seamless communication and integration with the central management system and other AMRs, ensuring optimized and coordinated fleet operations.

<b>Robot Size</b>	1240 X 740 X 1560 mm (L x W x H)
<b>Robot Weight</b>	Approximately 215 kg
<b>Max Payload Capacity</b>	600 kg (1322 lbs)
<b>Charging Time</b>	Approximately 2 hours (fast charging)
<b>Battery Life</b>	Up to 12 hours (continuous operation)
<b>Max Travel Speed</b>	Up to 1.5 m/s
<b>Min Turning Radius</b>	1.4 Mtr
<b>Navigation Technology</b>	LiDAR SLAM and VSLAM (Visual SLAM)
<b>Communication Interface</b>	VDA5050 (for fleet management integration)
<b>Safety Features</b>	Emergency Stop Button, Ground Projection Warning, Obstacle Avoidance

# Reference Videos

[Click here to see the videos](#)

## Installation Training

Rich and diverse training methods and materials

## After Sales Service

IOT (The Internet of things) solves more than 90% of technical problems

## CONNECT WITH US

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**THANK YOU**