NANTA
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ALLBOTIX
PIONEERING THE ROBOTIC FRONTIER

AT300

AMR Robot

www.nantatech.com

ABOUT THE COMPANY

- 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

2018

Founded as MNT Technologies

Path Breakers 2.0
by YOUNG Indians

2019

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

2020

Started working on Service Robots

2023

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

SME AWARDS

BUSINESS EXCELLENCE FROM MAXHUB

2024

Transitioned to a Public Limited Company

AHMEDABAD BUSINESS EXCELLENCE AWARDS IN IT INDUSTRY

2025

Listed on BSE – SME Platform

AV- ICN AWARDS

BSE -SME AWARD 2025

2026

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

OUR BUSINESS VERTICALS

- **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.

Contents

Allbotix AT300

The ALLBOTIX AT300 is an industrial-grade Autonomous Mobile Robot (AMR) engineered specifically for heavy-load material transport in demanding environments like factories and logistics centers. It is designed to significantly automate internal logistics and move materials across production lines.The robot features a robust, open-architecture chassis capable of carrying a maximum payload of up to 300 kg (660 lbs). Its highly flexible navigation system combines LiDAR SLAM and VSLAM for accurate, marker-free positioning and movement in dynamic layouts. Safety is ensured by a 360 ∘ Omni-Sense system with depth cameras and sensors, meeting the stringent ISO 3691-4 standard.Operation is user-friendly via a 10.1-inch interactive touchscreen, supporting various modes like Auto-Delivery and Follow Mode. The AT300 is built for 24/7 operation with quick 2-hour fast charging and seamless integration through IoT capabilities such as elevator and e-gate control.

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Product Feature

- AI-Powered Intelligence
- Modular & Customizable Design
- Agile & Stable Mobility
- Human-Friendly Aesthetic
- Safe and Stable Movements
- Heavy-Duty Payload

Accessory Highlights

- **300 kg Max Payload**
  The AT300's robust core chassis is built to manage a substantial load, featuring a maximum payload of 300 kg. This heavy-duty capacity allows it to replace manual carts and transport large volumes of raw materials or components in a single trip, drastically improving operational efficiency.

- **Versatile Application Modes**
  The robot's modular design allows for quick adaptation to various logistical tasks via four main attachment configurations (Standard, Shelf, Lifting, and Towing), eliminating the need for separate, single-purpose machines.

- **Automatic Lifting Function (Lifting Mode)**
  This attachment allows the robot to autonomously lift and lower its cargo platform for hands-free material transfer. It enables smart, automated docking with conveyors, work tables, or specialized racks for precise pickup and drop-off, boosting process automation.

Accessory Highlights

- **Towing Capabilities (Towing Mode)**
  Equipped with a rear towing device, the T300 can autonomously hitch and move existing wheeled industrial carriers, carts, or trolleys. It supports a maximum towing weight of 400 kg (with counterweight), integrating seamlessly with your current logistics fleet.

- **Multi-Layer Storage (Shelf Mode)**
  The Shelf attachment provides a multi-level carrying space, ideal for transporting assorted goods or multiple smaller bins and boxes. This maximizes space utilization and is perfect for complex "milk-run" routes or line-side replenishment of various parts.

Product Specification

Robot Size	835×500×1350 mm (32.87×19.69×53.15 inches)
Robot Weight	Approx. 60−65 kg (132−143 lbs)
Max Payload Capacity	Up to 300 kg (661 lbs)
Charging Time	≈ 2 hours
Battery Life	Up to 12 hours (no load) ≈ 6 hours (fully loaded)
Max Travel Speed	Up to 1.2 m/s
Min Turning Radius	≥ 60 cm
Navigation Technology	LiDAR SLAM and VSLAM (Visual SLAM)
Communication Interface	VDA5050 (for fleet management integration)
Safety Features	ISO 3691−4 Compliant, LiDAR Sensors, Depth Cameras, Collision Protection Sensors, Emergency Stop Button, Obstacle Avoidance

Reference Video

Click here to see the videos

Support Services

Installation Training

Rich and diverse training methods and materials

After Sales Service

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

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THANK YOU