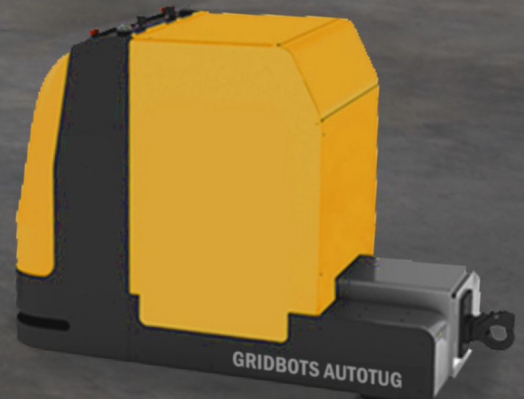


GRIDBOTS AUTOBOTS

AUTONOMOUS MOBILE ROBOTS



ADAPTIVE

FAST

PRECISE

gridbots
www.gridbots.com

AUTOJACK PALLET JACK AMR

INDOOR PALLET SHIFTING ROBOT SELF DRIVING ROBOTS

PERFORMANCE

Payload Capacity
500/1000/2000/3000 Kg

Runtime
8 Hours

Lifting Height
300/1000/2000 mm

Turning Speed
50 Degrees/Sec

Turning Radius
0 mm

Max Speed
1.5 M/Sec

ENVIRONMENTAL

IP Rating
21

Temperature
0-60 Degrees

Humidity
95%, Non- Condensing

CHASSIS

Dimensions
1800/1200/1500 mm [LxBxH]

Vehicle Weight
600 Kgs

Suspension
Passive

Ground Clearance
40 mm

Turning Radius
0 mm

Max Speed
1.5 M/Sec

COMPUTER

On Board Computer
i7 [11'th Gen]

GPU
nvidia - 1080

RAM
16 GB

Aux Controller
ARM-32 Bit

POWER SYSTEM

Battery Charging
Auto/Hot Swap

Battery Rating
2 Kwh

Battery Chemistry
Lifeo4

Fuses
All Power Sockets

Charging Time
3 Hours

Power Monitoring
Active [IOT Based]

SAFETY

Ultrasonic Sensors
4x

3D Camera
2x

Bumper
Front + Back

Safety Lidar
2x [SICK or Equivalent]

E-Stop
2x

Impact Sensor
1x

NAVIGATION

Navigation
Hybrid SLAM [Natural + Visual]

Location Accuracy
20 mm [100x100 Meter Map]






Traffic Controller
Centralized - Optional Package

Docking Accuracy
15 mm

Docking Sensor
Laser / 2D Markers

Outdoor Option
Yes



-  Automatic Charging
-  Automatic Target Tracking
-  2 Ways Audio Communication
-  Fully Autonomous Navigation
-  3D Path Navigation
-  Thermal Camera
-  IP 65 Weather Proof
-  360 Degree Panoramic View



GRIDBOTS TECHNOLOGIES PVT. LTD.

Main Office Address

Office #306, Maharana Pratap Complex, Behind V.S. Hospital,
Ashram Road, Ahmedabad - 380006, Gujarat, India.

Factory Address

59, MahaGujarat Industrial Estate, Behind Surbhi Dining Hall,
Sarkhej Bavla Road, Moraiya, Ahmedabad - 382213, Gujarat, India.

Contact

M. :+919924826584

Email Id : contact@gridbots.com

Website : www.gridbots.com

