AUTONOMOUS MOBILE ROBOT

ZETHA

2000 mm

1022 mm

1683 mm
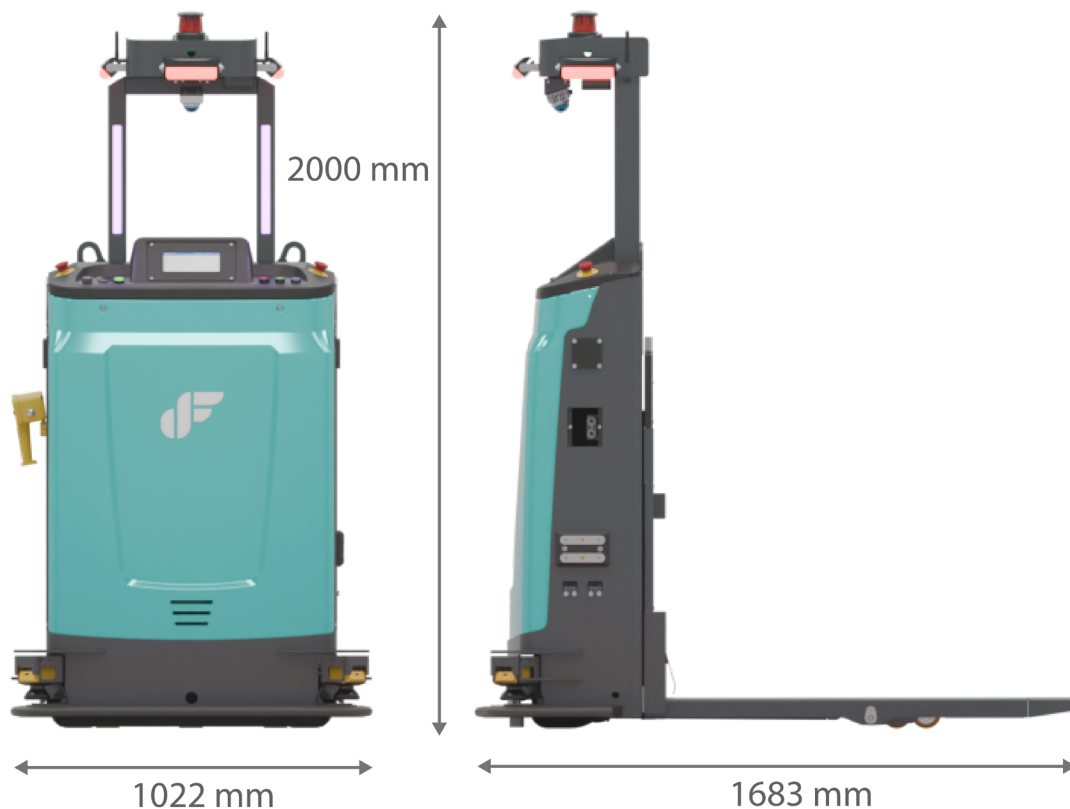
HIGHLIGHTS

Powered by DF Navwiz and
DFleet Software

NavWiz   DFleet
Fleet Management System

Advance 3D
Camera technology

Up to 1.5 m/s
speed

3D LiDAR
Detection

Carry up to
2000 kg

LifePo4 Battery
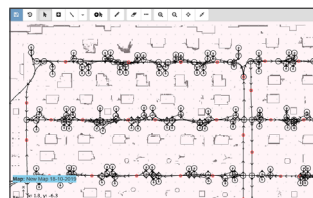Up to 8 Hours continuous operation
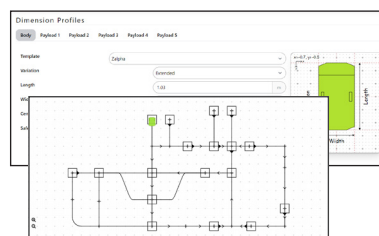
ACCESSORIES

3000W Standard Charging Station
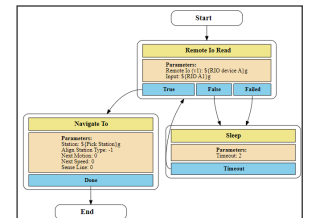
AMR OPERATING SYSTEM

NavWiz
AMR Control & Navigation Software
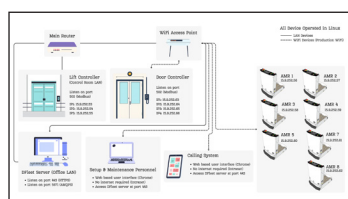

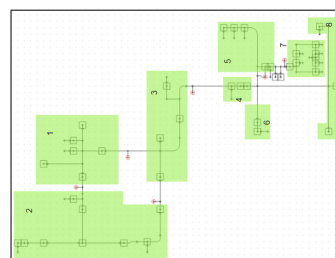Mapping & Navigation

User Editor & Interface

Flow Chart Programming

FLEET MANAGEMENT SYSTEM
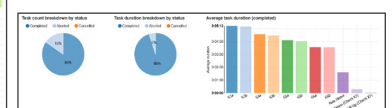
DFleet
Fleet Management System
AMR Traffic Control & System Integration

3rd Party Integration

Traffic Control

Reports & Analytics

SPECIFICATIONS

GENERAL

Base Dimension	L: 1683mm x W: 1022mm x H: 2000mm
Carry Payload	2000kg
Lifting Height	110mm
Fork Dimension	L: 1150mm x W: 175mm x H: 56mm
Fork Ourside Spread	650mm

DRIVING & NAVIGATION

Driving System	Steering Drive
Navigation System	Natural Feature Navigation · Optional marker for precision

PERFORMANCE

Maximum Speed	Unladen: 1.5m/s (5.4km/h) Laden: 1.2m/s (4.3km/h) · Travelling max speed is recommended to undergo Risk Assessment as well
Stopping Accuracy	Laser Sensor (Natural Feature): ±50 mm, ±2° Laser Sensor (Marker/Docking): ±10 mm, ±1°
Maximum Gradeability	5% (2.86°) · Without curb · With rated payload · Permissible ramp is to ensure safety, although robot might be able to climb ramp with more than stated value but doing so will jeopardize robot's safety compliance

SAFETY

Emergency Switch	2 Units
Protective Devices	2D Obstacle Laser Scanner x2 3D Obstacle Lase Scanner Physical Bumper Fork IR Sensor x2 3D Camera
Indicator	RGB LED Lighting Music Playback & Alarm

INTERFACE

Language	English
Operating System	Standalone (NavWiz) / Fleet Management System (DFleet)
Screen	7", 1024x600 IPS HDMI Capacitive Touch Monitor
Communications	802.11 a/b/g/n, 2.4GHz / 5GHz WiFi Open WiFi WPA & WPA2 Personal WPA & WPA2 Enterprise

*Specifications may vary and are subject to revisions