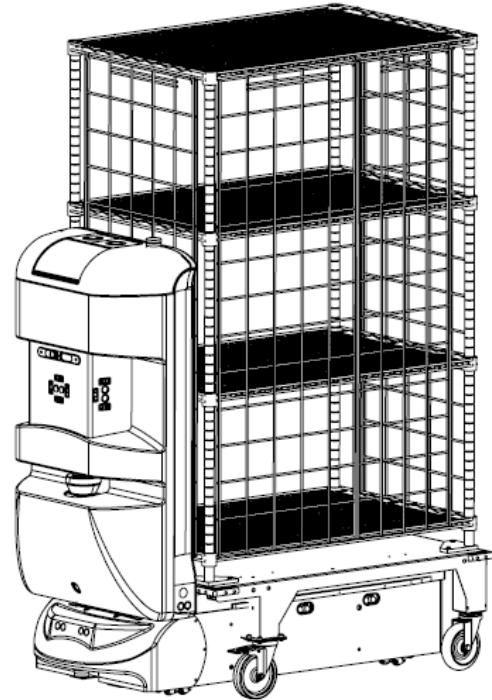


Product Description

The TUG T3 is the newest robot from Aethon and is a smart autonomous mobile robot that automates the transport of materials and supplies in hospitals, manufacturing facilities, electronics assembly, and distribution environments. TUG is different from traditional AGV systems in that it requires no infrastructure for navigation.

- 24x7 Improved Productivity
- Auto docks and auto charges
- Automatic drop off and pickup of carts
- Can travel on irregular concrete floors
- Navigates on internal map of facility using laser
- Has multiple dispatch modes:
 - Scheduled
 - Touchscreen ad-hoc
 - Multi-stop “milk runs”
 - Handheld ad-hoc requests
 - Manufacturing system messages



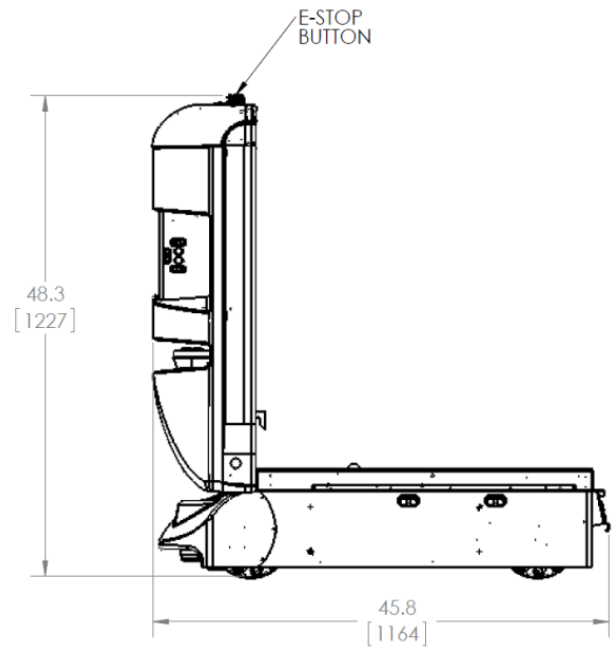
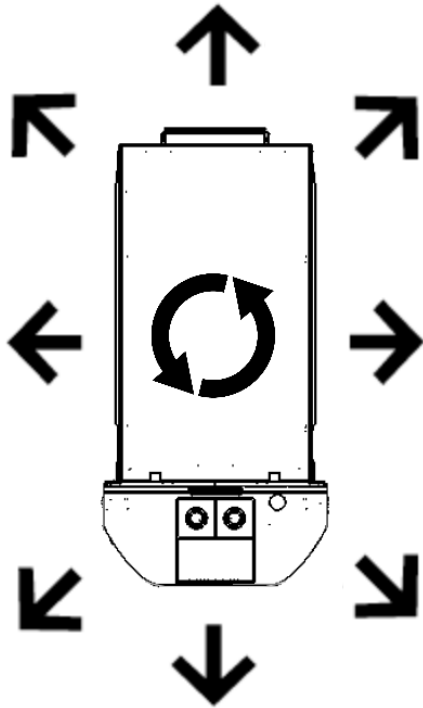
Specifications

Specification	293130
Maximum Carrying Capacity	1000 lbs
Battery Run Time	24 hours with intermittent charging
Battery Technology	Valve-Regulated Lead-Acid (VRLA)
Torque	156 in-lbs
Drive System	Omnidirectional 4 wheel driven
Navigation and sensing	Overlapping laser, sonar and infrared sensors
Communications	WiFi or 900MHz
Support	Remote to Aethon Command Center via secure encrypted VPN
Turning Radius	Rotate about center, turning envelope diameter 50" (w/o payload)
Docking Station Width	24" plus 12" clearance
Environmental	Interior use
Travel Speed	30 inches per second

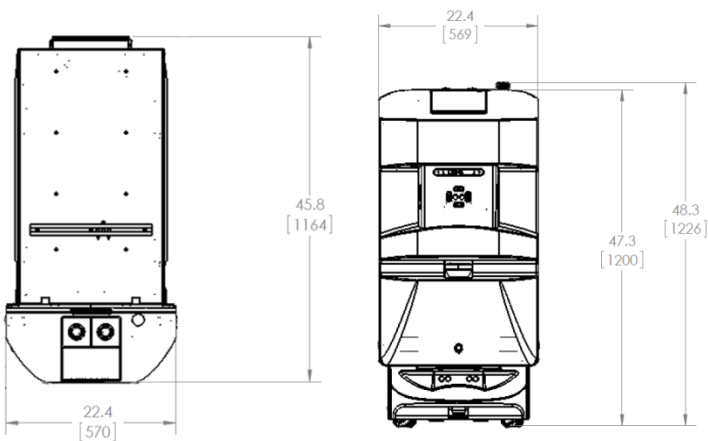
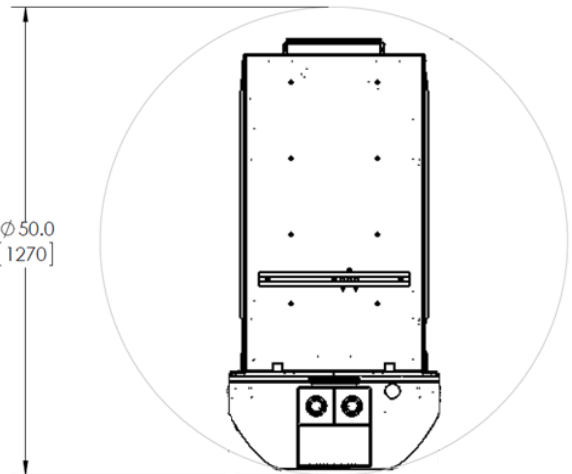
Standards Compliance

- EN 12100:2010, EN 60204-1:2006+A1:2009, IEC 60034-1:2004-04
- EN 61000-6-4:2007; EN 61000-6-2:2005; EN 60601-1-2:2007, EN 55022
- EN 301 489-1, EN 301 489-17
- FCC CFR 47, Part 15; ICES-001; Australian RCM Compliance
- ETSI EN 300 220-1 V2.4.1 & ETSI EN 300 220-2 V2.4.1
- EN 300 328 1.7.1, EN 301 893 1.6.1

Full Omnidirectional Motion Capability



TURNING ENVELOPE $\phi 50.0$ [1270]



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 Specifications subject to change.