

TUG

Autonomous Transport & Service Robot



Specifications

Body size (mm)	L 1164 W 570 H 1227
Maximum carrying capacity	1000 lbs / 453 kg
Battery run time	10 hours w/ intermittent charging
Battery technology	Valve-Regulated Lead-Acid (VRLA)
Cart length	38 inches / 96.5 cm
Drive system	Omnidirectional 4 wheel driven
Navigation and sensing	Real-time multi-LIDAR, sonar and infrared sensors
Communications	WiFi or 900MHz
Support 365/24/7	Locally hosted or remote to Aethon Command Center via secure encrypted
Turning radius	Rotate about center, front, rear
Docking station width	24" (61cm) plus 12" (30.5") clearance
Environmental	Interior use
Travel speed	30 inches (76 cm) per second

Full omnidirectional movement

