

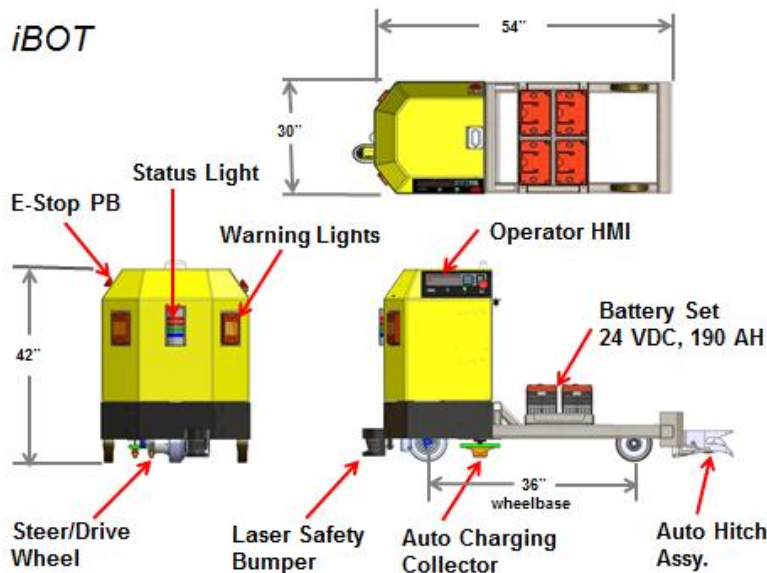
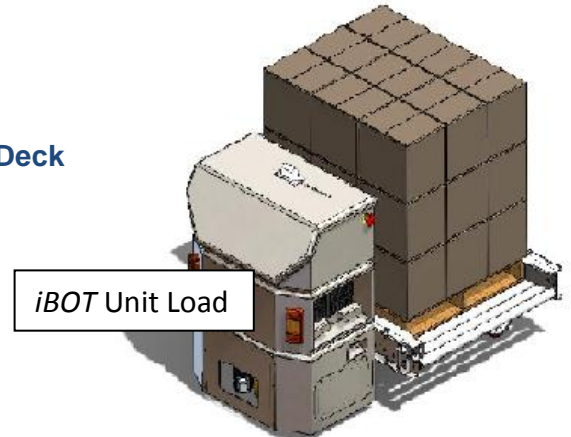
iBOTS by AIM

The new AIM *iBOT* Line (Intelligent Battery Operated Transporters) provides a flexible and cost effective platform to Tow, Carry or Convey your load. Our new “*iBOT*” line replaces conventional AGC’s while delivering standard features with industry leading options:

- The fastest AGC on the market with speeds to 200 fpm
- #6,000 towing, #3,000 carrying capacity
- On board PC Controller, Magnetic Tape Guidance and RFID routing
- Fast Charge Automatic Battery Charging
- Plug in Manual Control Device
- Continuous 802.11.b/g RF Communication

Compare these features to other AGC Suppliers and see the iBOT difference

- Options Include:
 - Bi-directional Travel Capability
 - Optional Auto Hitch/Unhitch capability
 - Optional Upgrade to Laser Guidance
 - Load Handling - Single and Dual Conveyor Deck to 12” Elevation
 - - Lift/Lower Deck



VEHICLE SPECIFICATIONS

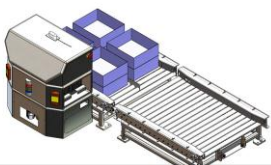
Model	<i>iBOT</i> Series
Guidance System	Magnetic Tape or Embedded Bar Magnetic <i>Option to Upgrade to Laser Guidance</i>
Decision/Stop Points	RFID Labels/Proximity Plate
PC Controller	Pentium class, with Windows CE OS
Communication	802.11.a or b/g
Specifications	
Travel Speed	Variable 0 - 200 fpm
Stopping Tolerances	+/- .5"
Guidance Tolerance	+/- .5"
Max. Capacity (Carry)	#3,000
Max Capacity (Tow)	up to #6,000 dependent on trailer wheel composition
Max. Grade	2% with de-rated load
Vehicle Weight	#650
Drive/Steer System	Type 220 Steer/Drive Assembly, 24 VDC, 500/800 W With 9" dia. X 2.75" wide Vulkalon drive wheel and encoder for closed loop speed feedback Integral 24 VDC steer motor with gear to gear coupling. Absolute encoders for drive and steer feedback. Adjustable closed loop speed control system. Reliable contactor free pulse width modulation. Fail safe electric drive brake operation. 8" diameter polyurethane load wheels
Power supply	(4) EnerSys 12 VDC, 95 AH, Sealed, Thin Plate AGM Battery
Battery size/weight	7" W x 13" L x 6.5" T, #150 total weight
Battery Capacity	24 VDC, 190 AH
Operating Time	6-8 hours without charge
Auto-charging	Standard, with fast charge 100 and 200 A charger



Power supply
 Battery size/weight
 Battery Capacity
 Operating Time
 Auto-charging

Safety

Meets ANSI B56.5 2012 Requirement
 Front Laser Scanning Bumper
 Emergency Stop Pushbuttons (each corner)
 Audible Alarm
 Visual Warning light
 Vehicle Status Light



iBOT with Conveyor Deck



iBOT

"from Concept to Reality"