

# DIFFERENTIATORS AUTOMATED GUIDED CART



## Competitors

- Uses proprietary circuitry and hardware.
- Fixed suspension unable to handle imperfect floor quality.
- Uses single drive wheel to steer the unit. This requires “arc” turning which induces many problem factors.
- Moves only forward (one direction).
- Path changes are only performed by manufacturer.
- Uses 24VAC or 24VDC proprietary drive motors.
- Installation service and warranty work is completed by third party resellers.
- Use a magnetic braking system.
- Proprietary software licensing models.
- Not capable of integrating with industrial machines.

## Complete Automation Resource

- All components are sourced off-the-shelf.
- Independent suspension able to compensate for +/- 2” in floor inconsistencies.
- Uses dual drive wheels to allow for 0° turn radius.
- Bi-directional navigation.
- Path changes can be made easily by maintenance staff.
- Off-the-shelf drive motors for short lead times, easy parts replacement, and lower cost.
- Installation and service work is done by Complete Automation Resource.
- VFD brings AGC to controlled stop without magnetic brakes.
- Traffic control system developed with Ignition SCADA software.
- Central control platform software runs the entire system which is not only a SCADA based system, but it also is easily integrated into any ERP/MRP and/or IIoT platform.
- On-board Ignition software allows for integration with IIoT.