

Mobile Robot Systems

Custom Solutions for Omron LD Mobile Robot Platforms





Adjusts to changing workflows



Improves traceability



Reduces dwell time



Increases productivity



Eliminates errors

Autonomous Intelligent Mobile Robot Applications

- ▶ Fully automatic delivery of components from warehouse to production
- ▶ Navigates autonomously using shortest allowable path
- ▶ True natural-feature navigation, no facility modifications needed
- ▶ Can be integrated to existing conveyor systems or manufacturing cells
- ▶ Can be integrated with existing WMS/MES
- ▶ Robust 24/7 productivity with automatic opportunistic charging
- ▶ All solutions are tailor made to suit unique customer needs



Application Examples

- ▶ Mobile belt conveyors
- ▶ Mobile roller conveyors
- ▶ Transport shelves, cabinets and drawers
- ▶ Transport carts (max. 130 kg)
- ▶ Pick-up and drop-off conveyors for automatic transport of goods