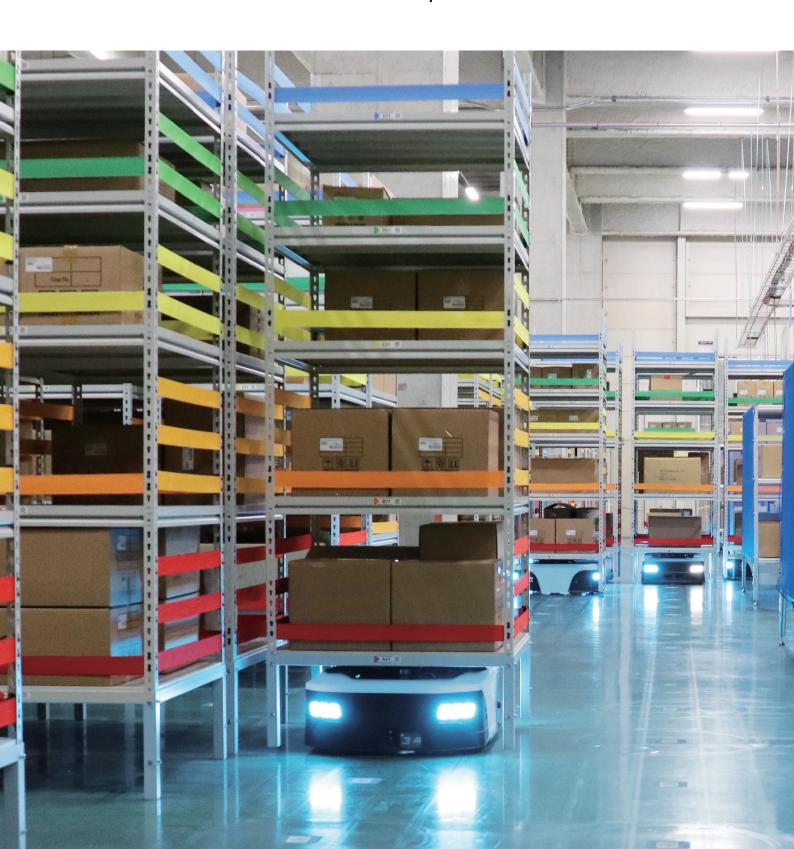
TOSHIBA

Shelf Transporting Autonomous Mobile Robots (AMRs)

for Goods-to-Person Warehouse Operations



Advantages



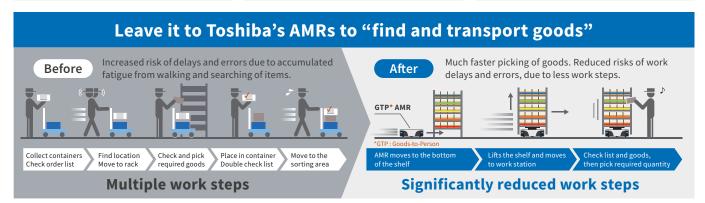
No need to walk around a large warehouse looking for goods.



Reduce picking errors with color coded intuitive picking.



Change system according to change of items, work flow, or peak times.

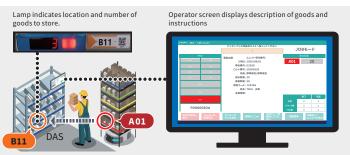


Smart, flexible, and easy to use



Color coding to prevent picking operation errors

Color-coded shelf racks improves visibility of the precise location of the goods to pick. Pictures and instructions are shown on the operator screen for intuitive picking. Ergonomic station layout enhances efficiency of the work procedure.



Above Example: Pick 3 pieces from A01 shelf and store to B11 box.



Optimized shelf positioning and route selection

Real-time rearrangement of shelf positions for the best route to the work stations, generated from order lists.



Flexible

System alignment

Rearrange picking orders according to actual operations.
Prioritize urgent orders and shipments. Integrate with existing systems.



AMR specifications

Dimensions	L980 x W680 x H245 mm (L38.58 x W 26.77 x 9.65 in.)	Stopping accuracy	±10 mm (±0.4 in.)
Weight	160 kg (352.74 lb.)	Battery	Lithium ion DC48V/27Ah
Maximum load	800 kg (1,763.7 lb.)	Wireless communication	WiFi 2.4G (Optional: WiFi 5G, 5G, infrared)
Transport speed	2.2 m/sec. (86.61 in./sec.)	Power supply	3-phase 200V/10A

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