

Zebra
Robotics Automation™

Zebra Connect AMR

Increase efficiency and productivity with autonomous mobile robot (AMR) solutions designed for flexibility and safety



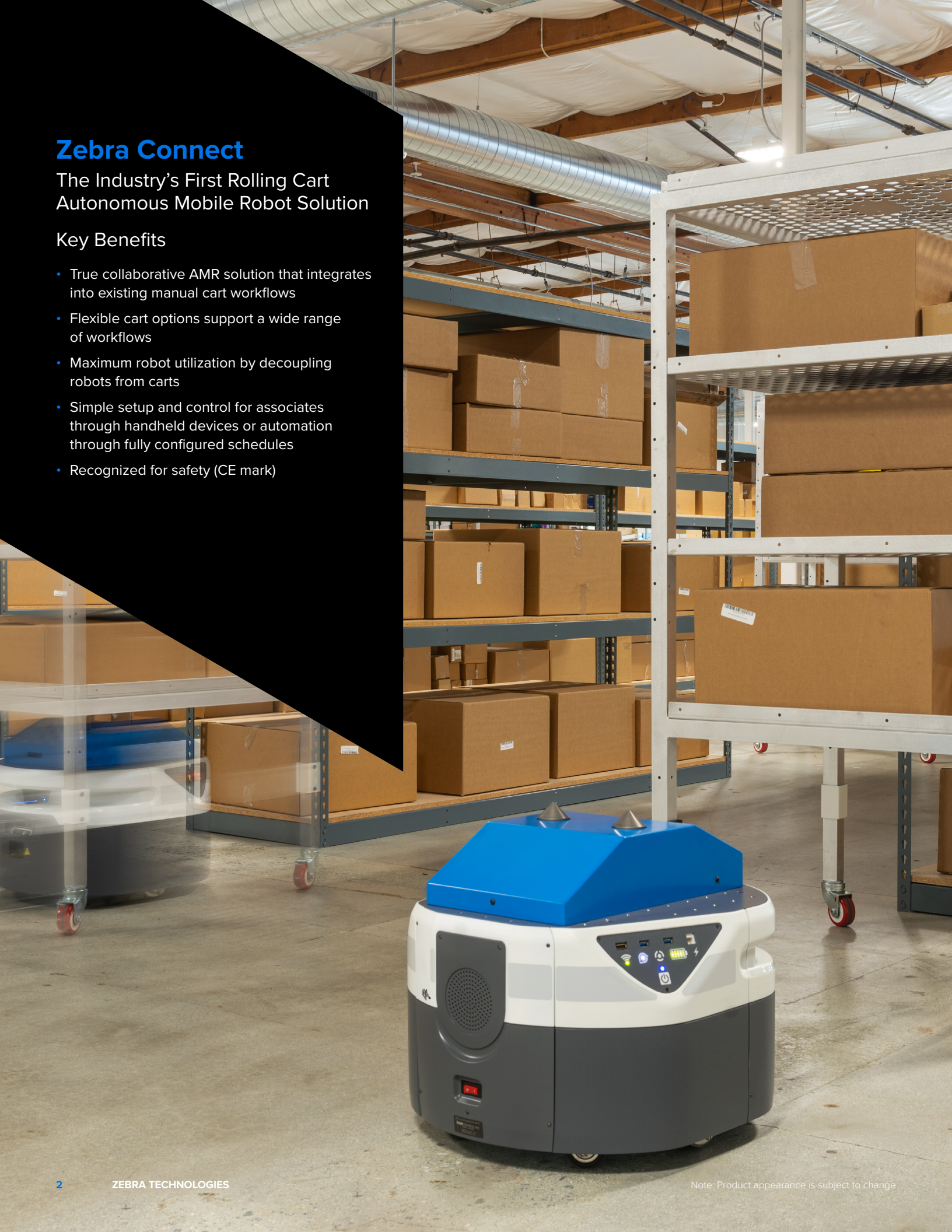
 **ZEBRA**

Zebra Connect

The Industry's First Rolling Cart Autonomous Mobile Robot Solution

Key Benefits

- True collaborative AMR solution that integrates into existing manual cart workflows
- Flexible cart options support a wide range of workflows
- Maximum robot utilization by decoupling robots from carts
- Simple setup and control for associates through handheld devices or automation through fully configured schedules
- Recognized for safety (CE mark)



Warehouse Carts 2.0

The Zebra Connect AMR system features an advanced mobile robot that can autonomously pick up and drop off carts to any location within your facility. Carts are available in three sizes—Standard, Tall and a flexible cart Base option that allows you to customize the cart to suit your specific payload.



Specifications	Zebra Connect	Zebra Cart Base	Zebra Cart	Zebra Cart Tall*
Weight	163 lbs. (74 kg)	44 lbs. (20 kg)	75 lbs. (34 kg)	85 lbs. (38.5 kg)
Height	19.5 in. (49.6 cm)	24.5 in. (62.3 cm)	55.1 in. (140 cm)	65 in. (165 cm)
Base Footprint	20.7 in. (52.7 cm) wide, 22.6 in. (57.3 cm) diameter	32.7 in. (83 cm) width, 32.7 in. (83 cm) length	32.7 in. (83 cm) width, 32.7 in. (83 cm) length	32.7 in. (83 cm) width, 32.7 in. (83 cm) length
Shelf Width	—	32.7 in. (83 cm)	32.7 in. (83 cm)	32.7 in. (83 cm)
Shelf Depth	—	32.7 in. (83 cm)	32.7 in. (83 cm)	32.7 in. (83 cm)
Max Payload Weight	—	Up to 180 lbs. (81.6 kg)	Up to 150 lb (68 kg)	Up to 140 lbs. (63.5 kg)
Max Speed	3.9 mph (1.75 m/s)	—	—	—
Turning Radius	Turn in place	Turn in place	Turn in place	Turn in place
Continuous Runtime	~9 hrs	—	—	—
Environment	Indoor	Indoor	Indoor	Indoor
Charging	Autonomous docking	—	—	—
Charge Time	3 hrs to 90%	—	—	—
2D Laser Sensor	82 ft. (25 m), 220° (x1)	—	—	—
3D Camera	Yes (x2)	—	—	—
CE, ANSI/RIA R15.08, and UKCA compliant				

* Requires a risk assessment

Key Workflows



ASRS
Induction



ASRS to
Dropoff



End of Line
Handling



Milk
Runs



Post-pick
Transport



Raw Material
Delivery



Receiving and
Putaway



Returns
Processing



Work-in-process
Transport

Product Spotlight

Zebra Cart Base

Maximize Every Payload with Custom Carts

Move More Material Types

The Zebra cart base serves as the starting point for designing your own customized material transport system and applying automation creatively and efficiently throughout your facility. You can accommodate a wide variety of payloads and maximize capacity per your application requirements. The base uses the same reliable docking mechanism as our standard carts, so Zebra Connect AMRs interface seamlessly.

Some unique applications include: detrash and dunnage removal, parts and tools delivery, replenishment of packing materials, gravity feed racks for manufacturing work cells, and many more.






Zebra Flex Series
Optimize fulfillment operations with intelligent, flexible automation



Zebra Roller Series
Integrate with current conveyor infrastructure



Zebra Connect
Automatically pick up and drop off carts up to 125 lbs. (57 kg)

 **WARNING:** This product uses components which emit invisible laser radiation. Incorrect use or observing the safety laser scanner through optical instruments (such as magnifying glasses, lenses, telescopes) may be hazardous for the eyes.

CE Zebra AMRs carry a CE mark and meet regulatory requirements for product safety.

ANSI/RIA R15.08

Zebra AMRs conform with R15.08 safety standards published by the RIA (Robotics Industry Association)

NOTE: Product appearance is subject to change

For more information about Zebra's autonomous mobile robot solutions, please visit zebra.com/automation-solutions



NA and Corporate Headquarters | +1 800 423 0442 | inquiry4@zebra.com

EMEA Headquarters | zebra.com/locations | contact.emea@zebra.com

ZEBRA and the stylized Zebra head are trademarks of Zebra Technologies Corp., registered in many jurisdictions worldwide. All other trademarks are the property of their respective owners. ©2024 Zebra Technologies Corp. and/or its affiliates. 11/25/2024