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UniMover™ D 100

Underride Family



FEATURES

Compact design, enabling operation in busy areas

Modular handling devices tailored for a wide variety of applications

On-demand obstacle avoidance that can be enabled or disabled in specific areas

Connecting What's Needed with What's Next™

UniMover™ D 100

The UniMover™ D 100 is a member of Oceaneering's family of underdrive mobile robots. It is suitable for transporting light goods such as boxes, totes, trays, and individual items, either throughout a facility or directly to people. The UniMover™ D 100 has safe and predictable behavior while offering flexible natural feature navigation. As with all our mobile robots, the UniMover™ D 100 can be operated in mixed fleets, providing an extra dimension to the Oceaneering Mobile Robotics solution.

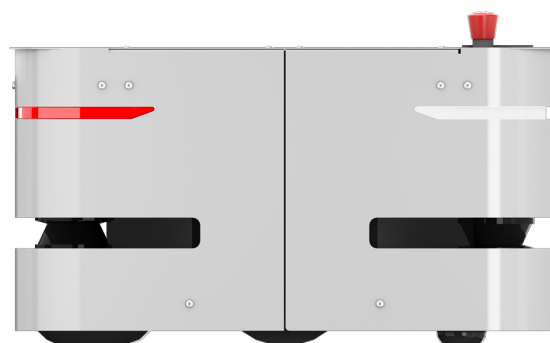
Technical Data

Max payload	220 lb / 100 kg
Handling system	See handling module options
Lifting height	Dependent on handling module
Dimensions (L x W x H)	26.8 in x 18.1 in x 15.4 in / 680 mm x 460 mm x 390 mm
Drive type	Differential
Drive speed	Up to 4.9 ft/s 1.5 m/s
Turning radius	Zero turn pivot 14.6 in / 370 mm
Navigation system	Natural feature
Positioning accuracy	± 0.4 in / 10 mm linear, ± 1° rotational
Battery	Lithium-Ion 24 V
Charging system	Automatic charging from underside
Environment	Indoors
Materials/finish	Powder coated steel
Safety systems	1x Safety PLC 1x Safety laser (front 270° coverage) 1x Emergency stop button 2x Pressure sensitive bumpers
Communication	Wi-Fi
Connectivity	Wireless User Interface; external USB and ethernet ports
Regulatory	ANSI B56.5, ISO 3691-4
Options	Rear safety laser (full 360° coverage) Handling module—conveyor Handling module—lifter Handling module—lockable cabinet Touchscreen

Oceaneering Mobile Robotics for Advanced Logistics Solutions

We solve your material handling and logistical challenges by designing, manufacturing, implementing, and maintaining innovative mobile robotics solutions. Our highly skilled and experienced team ensures a flawless mobile robotics solution at the lowest total cost without sacrificing performance. We deliver safe and sustainable systems focused on reducing your carbon footprint, using standardized robots and a user-friendly software control platform. Our global team is ready to serve you.

- » Over 1,700 mobile robots have been deployed in the U.S., Canada, Europe, Middle East, Australia, Singapore, and Japan—with 100 robots in our largest active fleet
- » Over 30 years of experience in development, integration, and maintenance of industrial mobile robots with an accumulated mileage exceeding 30 million miles (50 million kilometers) and successful completion of 160 million (and counting) transports
- » A trusted partner for the automotive, healthcare, manufacturing, and (intra-) logistics industries



■ For more information: oceaneering.com/OMR