

UniMover[™] U 1500

Underride Family



FEATURES

High payload capability accommodates a wide range of load types

Fast lifting speeds reduce overall transport times

Optional deck attachments enable non-standard load types to be handled safely and easily

UniMover™ U 1500

The UniMover™ U 1500 is a member of Oceaneering's family of underride mobile robots. It is suitable for transporting single heavy payloads such as car bodies, palletized goods, and parts assemblies. As with all our mobile robots, the UniMover™ U 1500 can be operated in mixed fleets, providing an extra dimension to the Oceaneering Mobile Robotics solution.

Technical Data

Max payload	3,300 lb / 1500 kg
Handling system	Incorporated lift deck (standard)
Lifting height	26.8 in / 680 mm
Lifting speed	1.97 in/s 50 mm/s
Dimensions (L x W x H)	78.8 in x 31.5 in x 18.9 in / 2000 mm x 800 mm x 480 mm
Drive type	Unidirectional
Drive speed	Up to 5.3 ft/s 1.6 m/s
Turning radius	62.2 in / 1581 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 floor
Environment	Indoors
Safety systems	1x Safety PLC 2x Safety lasers (360° coverage) 4x Emergency stop buttons 3x Load presence sensor Lift mechanism integrity monitoring
Communication	Wi-Fi
Connectivity	Integrated touchscreen display
Regulatory	ANSI B56.5, ISO 3691-4
Options	Customized deck attachment

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