

# ROEQ TMC500 Cart Solution for OMRON LD-250



The ROEQ TMC500 top module is designed for the OMRON LD-250 to transport the ROEQ Cart500. With this cart solution the LD-250 can safely pick up, transport and drop off cargo of up to 500kg, effectively doubling the payload potential of the robot.



## Specifications

**Robot compatibility:**  
OMRON LD-250

**ROEQ product compatibility:**  
Cart500 series, Cart Rails

**Payload:**  
TMC500 with Cart500 up to 500 kg / 1102 lbs

**Size (L x W x H):**  
1200 x 691 x 76 mm / 47.2 x 27.2 x 3"

**Weight:**  
40 kg

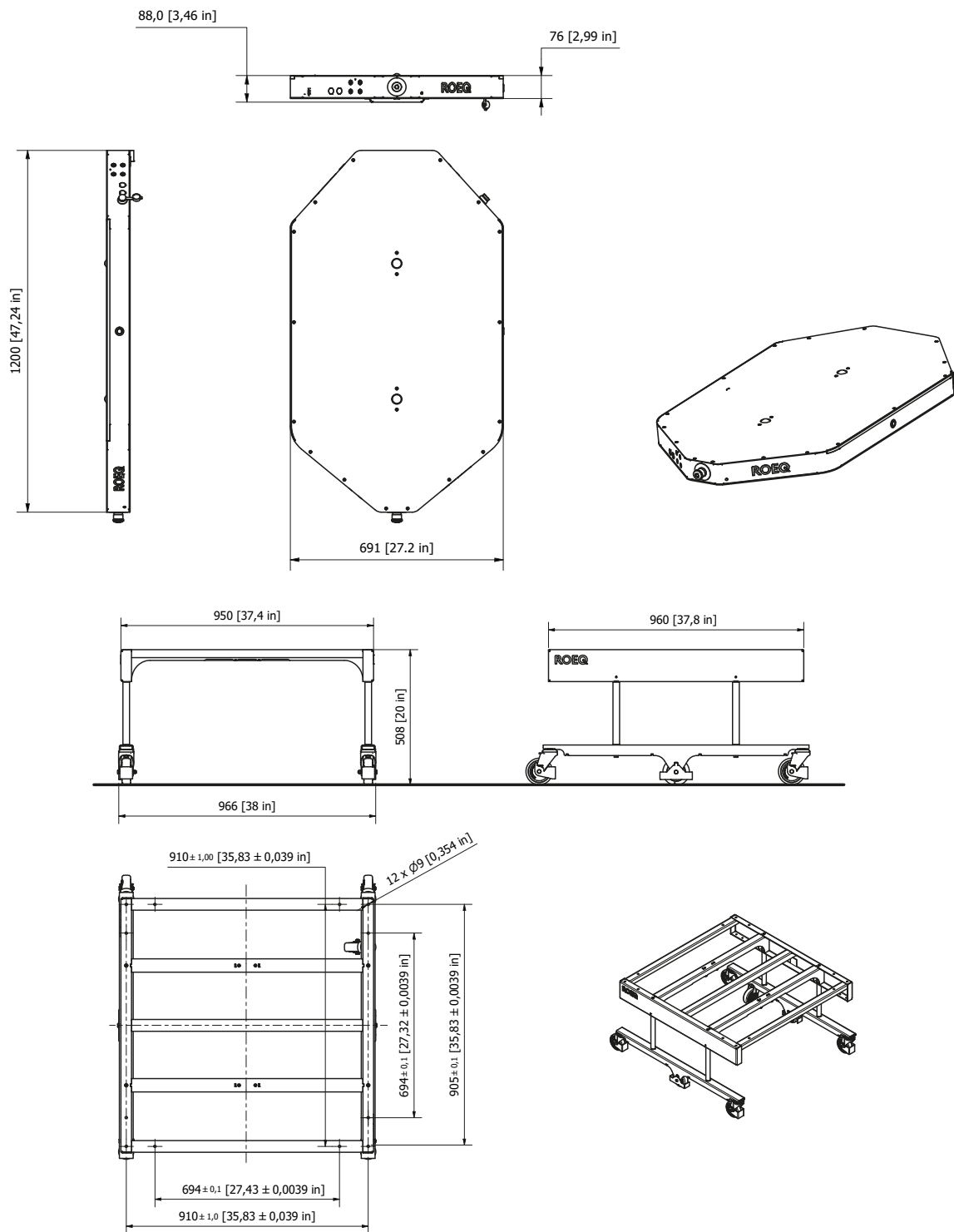
## Features





- Doubles the payload potential of your LD-250 robot
- Easy access to emergency stop when transporting long loads – up to 120 cm (47.2")
- Pick up and drop off in free space
- Can dock to cart from both ends
- Multiple carts can be used in the same setup – allowing for transportation of various kinds of goods
- ROEQ Safety including scanner configuration for easier installation and safe operation
- Works with OMRON panel.
- Mounting holes for e.g. light tower. I/O kit can be purchased
- The Cart500 is designed for excellent tilt stability
- Mounting holes on the Cart500 for attaching 3rd party equipment e.g. crates or shelves
- 1 ESD wheel as standard on the cart
- Includes ROEQ Assist software for easy and consistent setup

Use with the  
**ROEQ Cart500**  
to transport up to 500 kg



**ROEQ**  
ROBOTIC EQUIPMENT



Product name	Description	
TMC500	Top module for OMRON LD-250. For transportation of cargo weighing up to 500 kg on the ROEQ Cart500.	
Cart500	Cart for top module TMC500. Payload up to 500 kg.	
Cart Rails	Rails (2pcs.) for transporting euro/US pallets and other large goods.	
I/O Kit	Input/output for equipment e.g. light tower, extra emergency stop.	
Side Laser Kit LD-250	Consists of 2 SICK scanners, wire harness and brackets for mounting.	