

# TMR150

## Rack & Cart Solution



The ROEQ TMR150 is a flexible top module that's designed to move racks with your MiR100, MiR200 and MiR250 (+ ROEQ AM250) robots. It can also work with cart and lifter solutions in the same setup and must be used with docking stations. Features holes on top for attaching customized equipment.

All ROEQ top modules come with ROEQ Assist software that includes setup tools, making it easy for you to quickly get your solution up and running. The software creates missions and sets the robot footprint. ROEQ Assist is fully compatible with MiR software and ensures consistency throughout the installation.



## Features

- Flexible top module built for racks
- Can be used with carts and lifter solutions
- Easily customizable
- Enables your robot to perform multiple tasks in the same setup
- Used with docking stations so the robot always knows the location of the rack
- Safety zones adjust automatically when the ROEQ cart or rack is attached to the ROEQ top module



## Specifications

**Robot compatibility:**  
MiR100, MiR200, MiR250 + AM250

**ROEQ product compatibility:**  
Rack150, DS100/200E Floor, DS100/200E Wall, DS100/200E Ext Floor DS100/200L

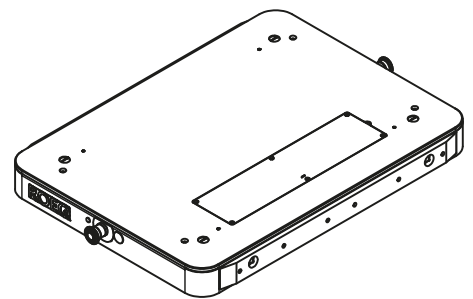
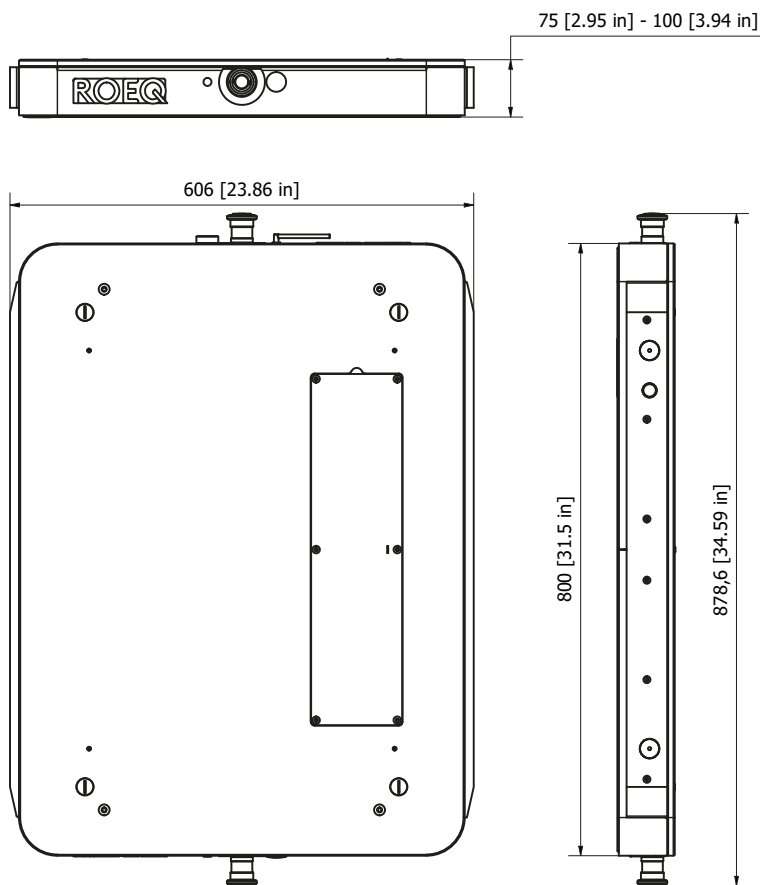
**Payload when lifting rack:**  
MiR100: 50kg/110lbs  
MiR200/250: 150kg/331lbs


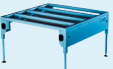



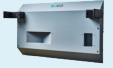





**Payload when moving carts:**  
MiR100: Up to 150kg/331lbs  
MiR200/250: Up to 300kg/661lbs\*

**Size: (L x W x H):**  
800mm x 600mm x 75-100mm  
31.5" x 23.6" x 3"-3.9"

**Weight:**  
40kg/88lbs

**Stroke:**  
25mm/1.0"



Product no.	Product name	Description	
265a2000	TMR150	Top module for Rack150 or cart Payload (rack/lifter) 50kg on MiR100 and 150 kg on MiR 200/250 Payload (cart) up to 150on MiR100 and up to 300kg on MiR 200 and 250	
265a4000	Rack150	Rack for top module TMR150. Fits with Easy-Pull-Out docking. Painted. Payload 150 kg.	
265a3100	Cart300E	Cart with Easy-Pull-Out docking. Payload up to 300kg*	
265a3000	Cart300P	Cart with precision docking. Payload up to 300kg*	
265a6200	DS100/200P Wall	Wall mounted docking station for Precision docking with Cart300P	
265a6300	DS100/200E Wall	Wall mounted docking station for Easy-Pull-Out docking with Cart300E and Rack150	
265a6000	DS100/200P Floor	Floor mounted docking station for Precision docking with Cart300P	
265a6100	DS100/200E Floor	Floor mounted docking station for Easy-Pull-Out docking with Cart300E and Rack150	
278a1000	AM250	Adapter Module that enables MiR250 to utilize ROEQ equipment for MiR100/200	
265a1101	Spring Kit Plus 100/200	For improved traction on MiR100/200. Spring kit Plus requires ROEQ Weight Blocks and a ROEQ top module	
265a1200	Weight Blocks 100/200	Counterweight for improved traction on MiR100/200	

\*Spring Kit Plus (265a1101) and ROEQ Weight Blocks (265a1200) are needed for effective operation with high payload. Please contact your ROEQ Partner for guidance.