

# TMC300

## Cart Solution



The TMC300 is a cart module that's used with docking stations. It's compatible with MiR100, MiR200 robots and MiR250 robot + ROEQ AM250. It works with ROEQ carts which feature the patented ROEQ locking mechanism, to safely secure the cart under transport and ensure that the robot always knows the location of the cart. Choose from the Precision docking or Easy-Pull-Out docking, designed for the carts to be handled by workers. There are mounting holes on top of the cart, for mounting customized equipment.

All ROEQ top modules come with ROEQ Assist software that includes setup tools, making it easy 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. Multiple missions can be set.

## Features

- Mounting holes on cart allow for mounting of customized equipment
- Patented locking mechanism ensures that the cart is always locked either to a docking station or to the robot
- Four locking bolts extend from the top module, keeping the cart secure during transport
- Safety zones adjust automatically when the ROEQ cart is attached to the ROEQ top module



## Specifications

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

**ROEQ product compatibility:**  
Cart300E/P, DS100/200E/P Floor, DS100/200E/P Wall, DS100/200E/P Ext Floor

**Payload:**  
MiR100: up to 150kg/331lbs  
MiR200/250: up to 300kg/661lbs

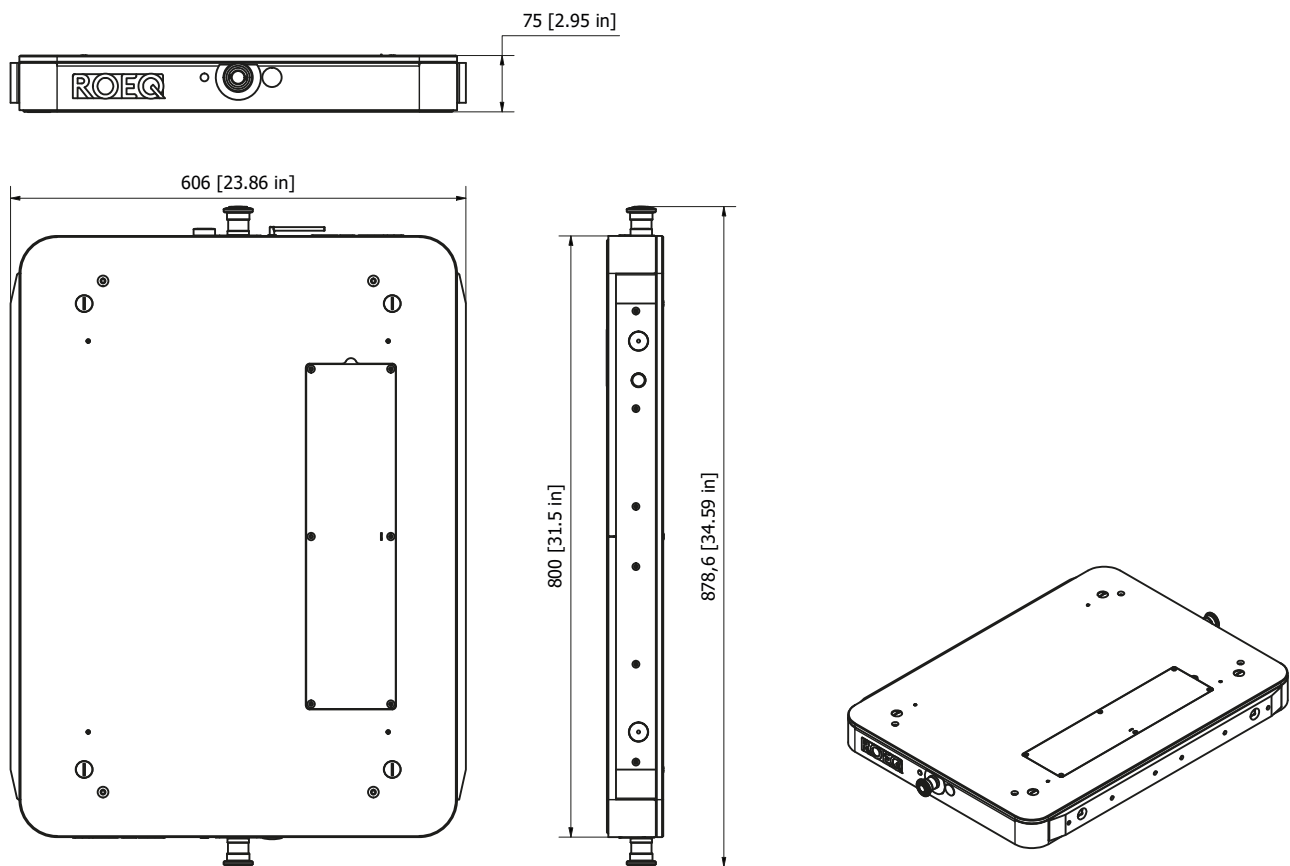
**Size (L x W x H):**  
800mm x 600mm x 75mm / 31.5" x 23.6" x 3.0"









**Weight:**  
38kg/84lbs

Choose from the Precision or Easy-Pull-Out docking



**ROEQ**  
ROBOTIC EQUIPMENT



Number	Product	Description	
265a2100	TMC300	Top module for Cart300E and Cart300P	
<b>Cart options</b>			
265a3000	Cart300P	Cart with Precision docking for top modules TMC300 and TMC300 Ext. Painted. Payload up to 300 kg	
265a3100	Cart300E	Cart with Easy-Pull-Out docking for top modules TMC300 and TMC300 Ext. Painted. Payload up to 300 kg	
<b>Docking stations – ensure that they are compatible with the cart chosen</b>			
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	
<b>Accessories</b>			
278a1000	AM250	Adapter Module that enables MiR250 to utilize ROEQ equipment for MiR100/200	

Visit [roeq.dk](http://roeq.dk) for more information or to see films of products in action.

**Contact your local ROEQ Partner for more guidance**