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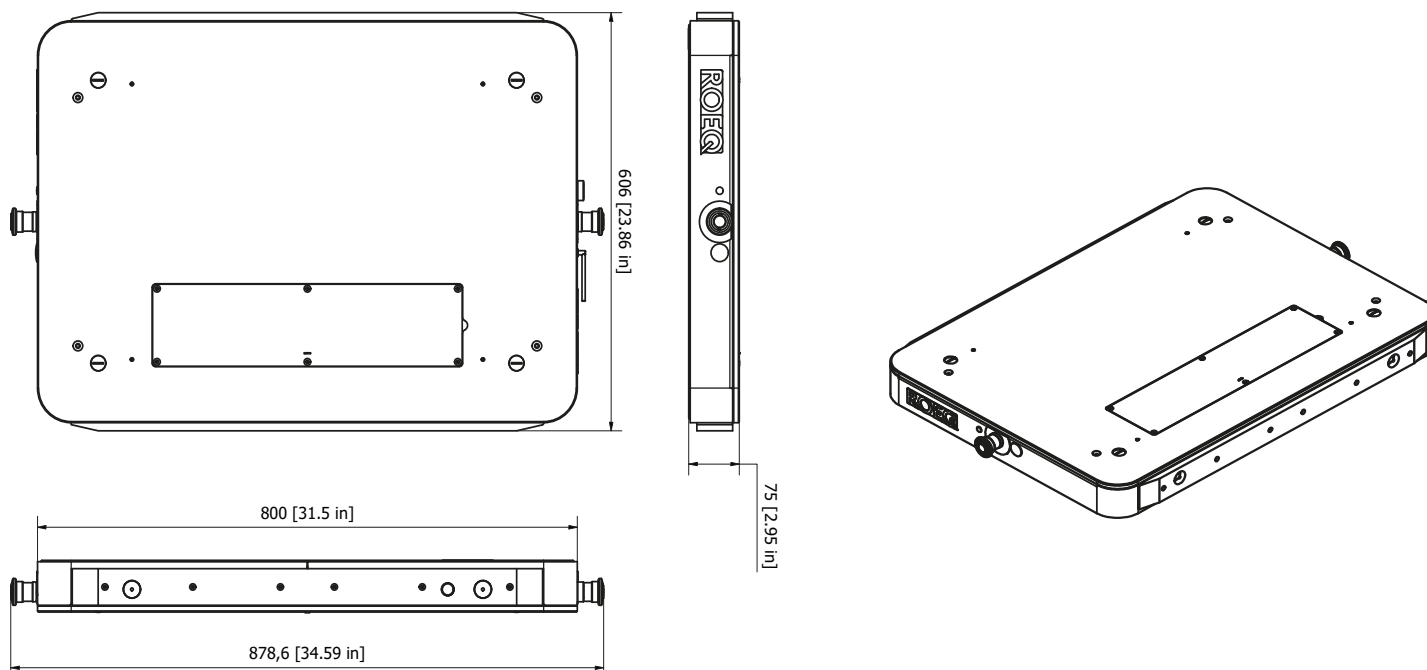MiR100: up to 150kg/331lbs
MiR200/250: up to 300kg/661lbs

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

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606 [23.86 in]

800 [31.5 in]

75 [2.95 in]

878,6 [34.59 in]

Product no.	Product name	Description	
265a2100	TMC300	Top module for Cart300E and Cart300P	
Cart options			
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*	
Docking stations – ensure that they are compatible with the cart chosen			
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	
Accessories			
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	

Visit roeq.dk for more information or to see films of products in action.

Contact your local ROEQ Partner for more guidance

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

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