

# TR1000 Top Roller



The TR1000 is a heavy-duty top roller for the MiR500, MiR600, MiR1000 and MiR1350. This top roller transports goods up to 400kg/882lbs using the MiR600 and up to 1000kg/2205lbs with the MiR1350.

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.



## Specifications

**Robot compatibility:**  
MiR500, MiR600, MiR1000, MiR1350

**ROEQ product compatibility:**  
DS Standalone, GuardCom System

**Payload:**  
MiR500 / MiR 600: 400kg/882lbs  
MiR1000: 900kg/1984lbs  
MiR1350: 1000kg/2205lbs

**Size (l x w):**  
1435mm x 1160 mm / 56.5 x 45.7"

**Weight:**  
220kg/485lbs

**Roller area:**  
1320mm x 1050mm / 52" x 41.3"

**Roller speed:**  
Can be adjusted between  
0.01[m/s]-0.17[m/s]

**Height from floor to rollers:**  
450mm / 17.7"

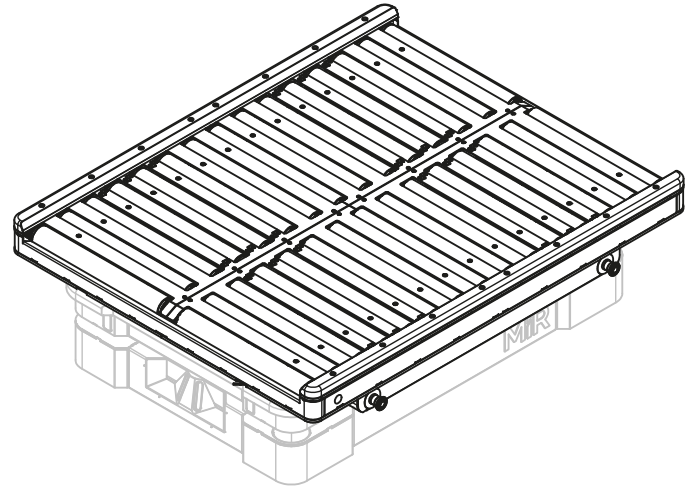
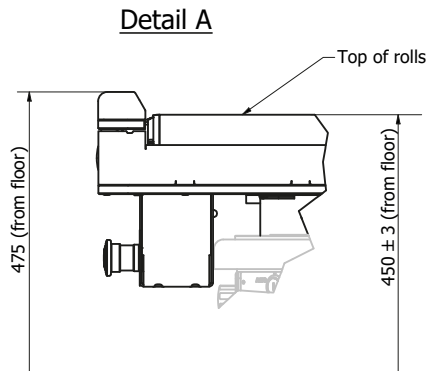
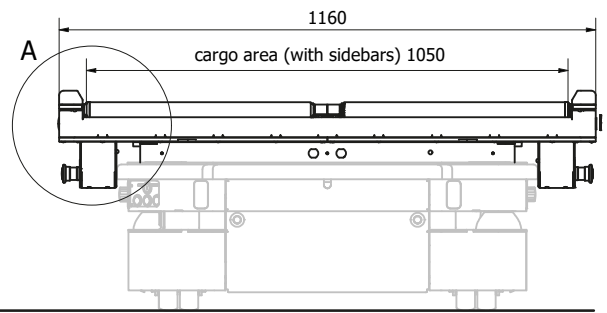
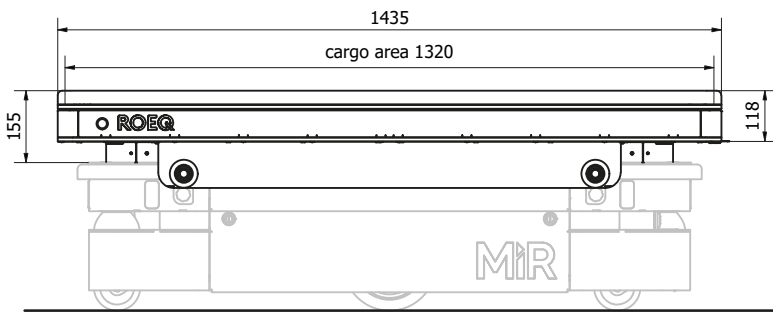
**Sensors:**  
Position sensors and cargo sensor







## Features

- Large roller area to accommodate larger goods
- Can handle our heaviest payloads
- Side rails can be detached to allow cargo to extend over the sides
- Built-in barriers on rollers protect fingers
- Built-in position sensor confirms correct position of robot before transfer of goods
- Cargo sensors on the front and back ensure safe transfer and transport of cargo
- Compatible with ROEQ GuardCom system for additional safety and quick transfer to/from conveyor stations. Wireless communication without reliance on Wi-Fi

Use the ROEQ GuardCom for additional safety when transferring loads





Product no.	Product name	Description	
269a5200	TR1000	Top roller with fixed height for MiR500, MiR600, MiR1000, MiR1350	
273a1000	GuardCom	GuardCom unit to mount on stationary conveyor, for additional safe transfer of goods.	
273a2000	GuardCom Connect	Communications unit to mount on top rollers. Wireless communication with GuardCom, not using Wi-Fi.	
265a5040	DS Standalone	Floor mounted docking station for top roller series TR125, TR500 and TR1000.	
268a8000	I/O Kit 500/1000	Input/output to the MiR500/1000 for equipment like light tower, extra emergency stop etc.	
272a8001	I/O Kit 600/1350	Input/output to the MiR600/1350 for equipment like light tower, extra emergency stop etc.	



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