

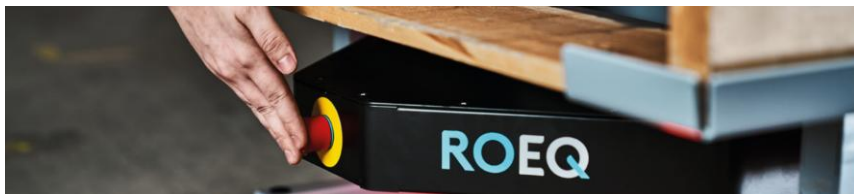
# ROEQ TMS-C500 Ext

## Cart Solution for MiR250



ROEQ TMS-C500 Ext is a top module for use with the ROEQ S-Cart500 series on the MiR250. This extended top module enables the MiR250 to safely handle long loads. When combined with the S-Cart500 series, this solution can pick up, transport and drop off payloads up to 500 kg\*, substantially increasing the payload potential of the robots.

ROEQ TMS-C500 Ext comes with ROEQ Assist – a setup software that makes it easy for you to quickly get your solution up and running. ROEQ Assist creates missions and sets the AMR footprint. ROEQ Assist is fully compatible with MiR software and ensures consistency across your fleet.



## Features

- Extended footprint and easy access to E-stop button when transporting longer cargo – up to 120 cm (47.2")
- Increases the payload potential of MiR250
- Pick up and drop off in free space or use ROEQ docking station
- Multiple carts can be used in the same setup, enabling transport of various goods types
- Safety zones adjust automatically when the TMS-C500 Ext attaches to S-Cart500 Ext
- The S-Cart500 Ext has increased wheelbase for additional tilt stability
- Mounting holes on S-Cart500 for attaching 3<sup>rd</sup> party equipment such as shelves or crates
- Compatible with ROEQ DS500 docking station: Active version (with electromagnet and presence sensor) or Passive version



## Specifications

**AMR compatibility:**  
MiR250

**ROEQ product compatibility:**  
S-Cart500 series, S-Cart rails

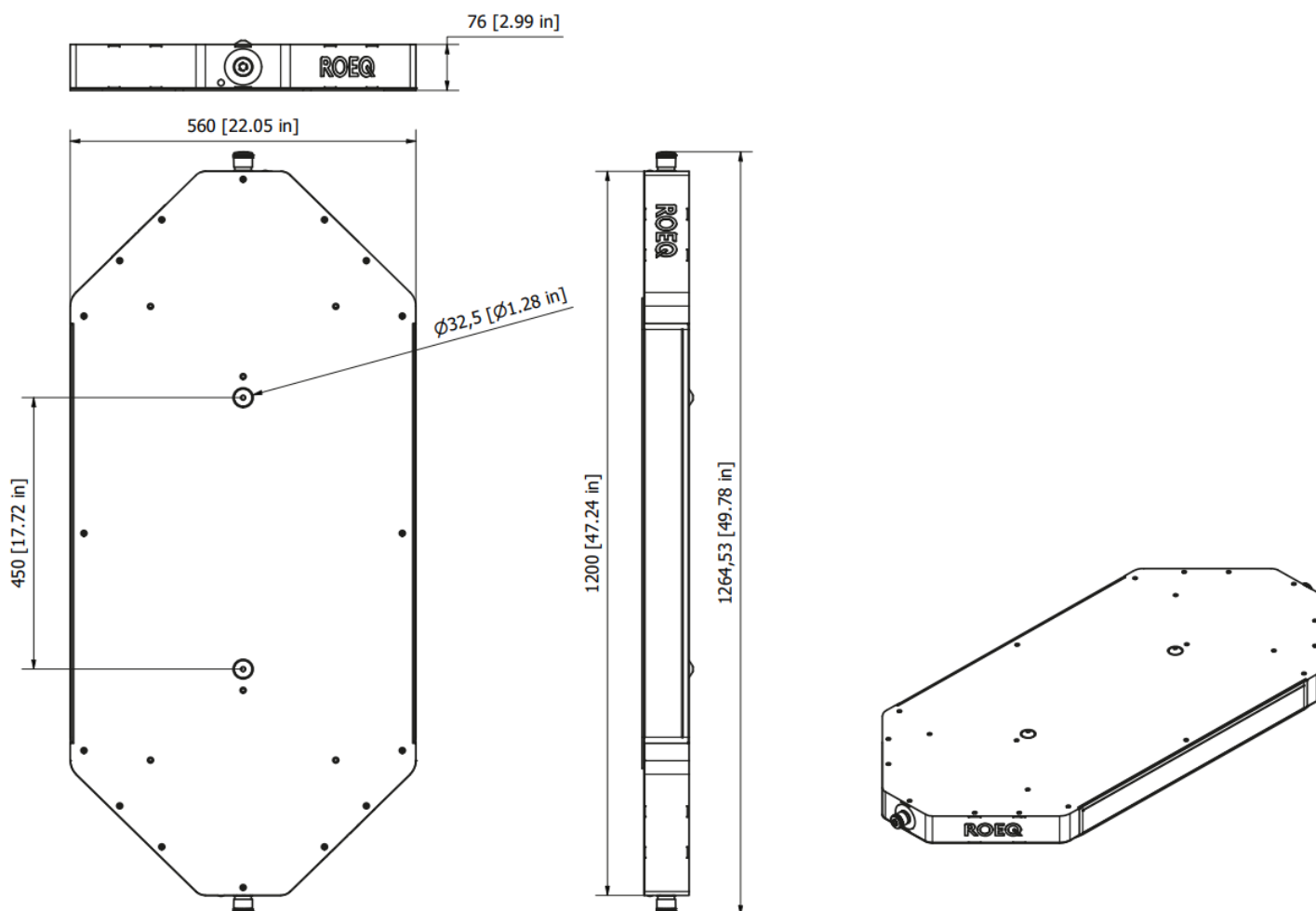
**Payload:**  
TMS-C500 Ext with S-Cart500 series: 500 kg/1102 lbs\*

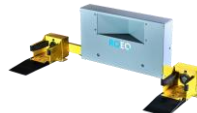
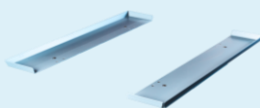
**Size (L x W x H):**  
1200 mm x 560 mm x 76 mm / 47.2" x 22.0" x 3.0"

**Weight:**  
95 kg / 209 lbs

Use with the  
**ROEQ S-Cart500 Ext** to  
transport up to 500 kg\*





| Product no.          | Product name                                      | Description                                                                                                                                               |                                                                                       |
|----------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 275s3000             | TMS-C500 Ext                                      | Extended top module for S-Cart500-series. Easy reach to emergency stop with cargo up to 1.2 m. – e.g. euro pallets                                        |  |
| 270s9505             | S-Cart500 Ext                                     | Cart for top module TMS-C500 Ext. Improved tilt stability for longer loads. Payload up to 500 kg*.                                                        |  |
| 270s9805             | S-Cart500W                                        | Cart for top module TMS-C500 Ext. Payload up to 500 kg*.                                                                                                  |  |
| 282s2000<br>282s1000 | DS500 Active<br>DS500 Passive                     | Docking station for ROEQ S-Carts.<br><i>Active</i> uses electromagnets to lock cart in place.<br><i>Passive</i> holds carts in place without electricity. |  |
| 272s9600             | S-Cart Rails                                      | Rails (2 pcs.) for transporting euro/US pallets and other large goods.                                                                                    |  |
| 282s9864<br>282s9863 | Foot protection:<br>DS500 Active<br>DS500 Passive | Foot protection on S-Carts wheels that enables docking at DS500 Active or DS500 Passive.                                                                  |  |

\*payload capability depends on weight distribution/center of mass /docking requirements/floor conditions.  
Contact ROEQ or a ROEQ Partner for advice.

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