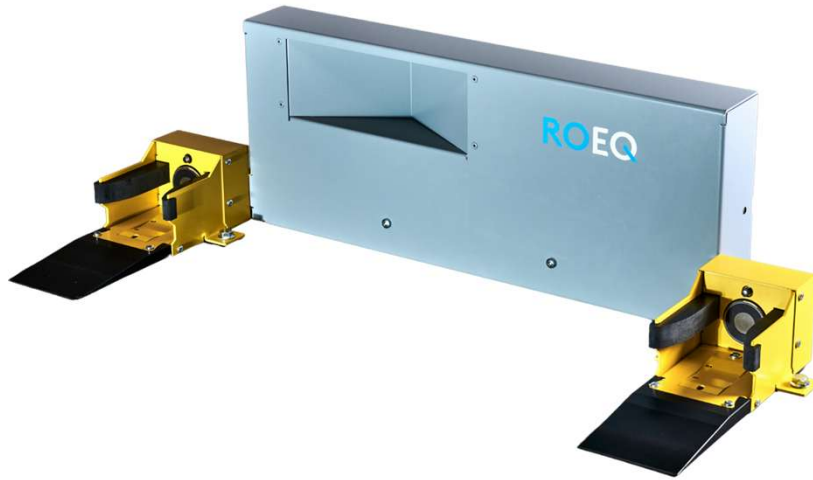


ROEQ DS500

Docking station

for ROEQ carts with
MiR AMRs



ROEQ DS500 docking station is designed for ROEQ S-Cart500 Ext and S-Cart500W. The DS500 solution comes in two versions: **Active** and **Passive**. DS500 Active locks carts in place via electromagnets, ensuring maximum stability during loading and unloading of carts. DS500 Passive holds carts in place with no lock function.



Features

Both DS500 Active and Passive

- Floor-mounted
- Can be used manually or with AMR
- Fit ROEQ S-Cart500 Ext and S-Cart500W
- Docking missions set up via ROEQ Assist
- Docking accuracy, single cart = ± 1 mm
- Docking accuracy, multiple carts = ± 5 mm

DS500 Active

- Locks carts firmly in place via electromagnets
- Cart presence contact enables loading and unloading only when cart is docked

DS500 Passive

- Holds cart in place – no electricity

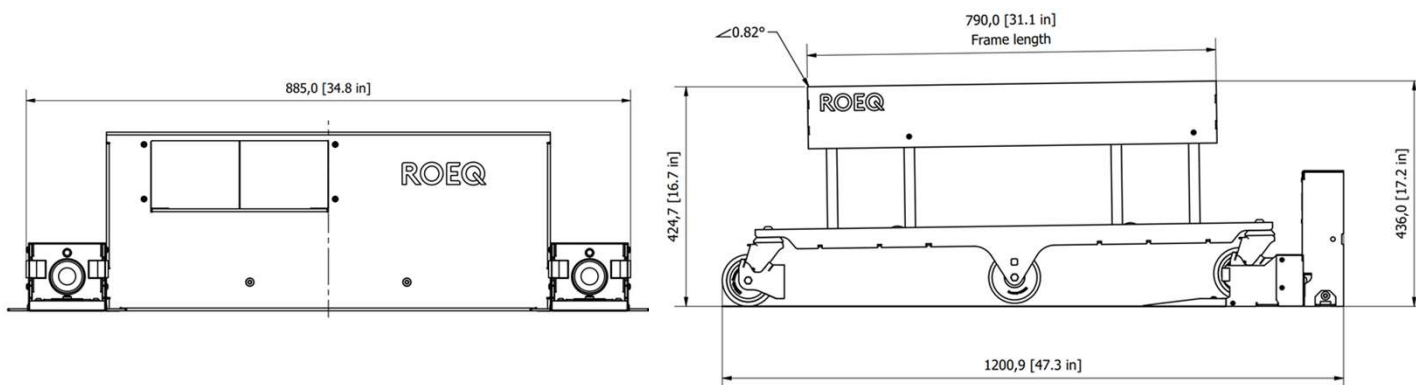
Specifications

Robot compatibility:
MiR250

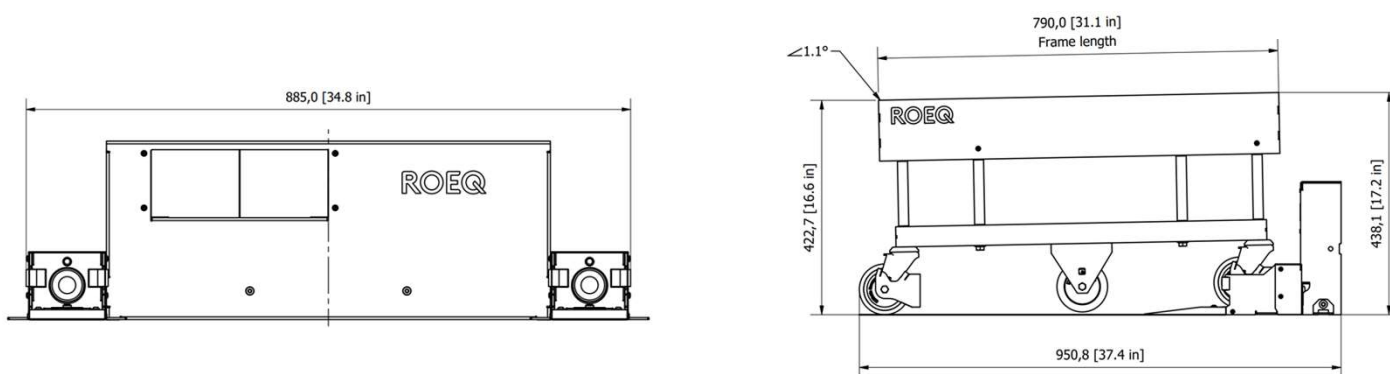
Payload:
S-Cart500 Ext up to 500 kg
S-Cart500W up to 500 kg

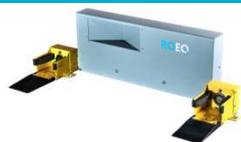
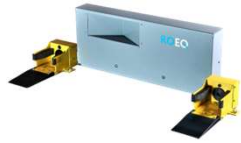
ROEQ product compatibility:
S-Cart500 Ext with TMS-C500 Ext
S-Cart500W with TMS-C500 Ext

DS500 for S-Cart500 Ext



DS500 for S-Cart500W



Product no.	Product name	Description	
282s2000	DS500 Active	Docking station for S-Cart 500 Ext and S-Cart500W. Uses electromagnets to lock cart in place.	
282s9864	Foot protection for DS500 Active	Foot protection on cart wheels that enables electromagnetic locking.	
282s1000	DS500 Passive	Docking station for S-Cart500 Ext and S-Cart500W. Uses electromagnets to lock cart in place.	
282s9863	Foot protection for DS500 Passive	Foot protection on cart wheels that enables passive docking.	

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