

Operator's Manual

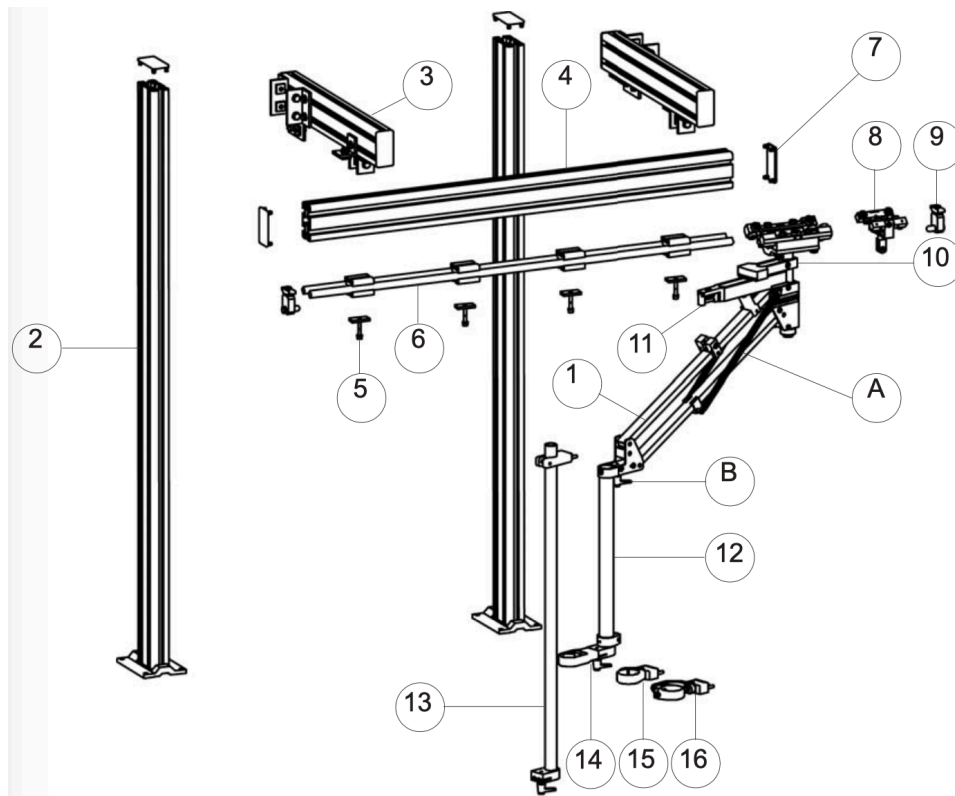
PR-25 Rail Supported Arm



Overhead mounted Rail Supported Arm, including carriage. Made of anodized aluminum with shafts of steel. PR-25 is designed for elimination of reaction force and balancing of static load.

Capacity

Max torque _____ 25 Nm
 Max load (depending on gas chock configuration) _____ 2,5 kg
 Reach from rail _____ +/- 460 mm
 Recommended vertical stroke _____ 250 mm



1 - Rail Supported Arm PR-50-0500 PR-25-0550-00025 _____ 0 - 2,5 kg _____	A - Springs ESS-5-2090x4	11 - Height stop _____ TAR-PR-25
2 - Pillar _____ (80x40mm) _____ BST-080x040x1300		12 - Extension Tube, cut _____ TEX-25
3 - Offset Beam _____ OSB-080x040x0500		13 - Extension Tube, full length _____ TEX-25
4 - Aluminum profile _____ SBE-080x040		14 - Adjustable Vertical Holder _____ ATH-2540-25 ATH-4050-25
5 - Arresting Kit _____ AKI-MC6S06X040-1		15 - Fixed Vertical Holder _____ VTH-0036-25 VTH-0038-25 VTH-0046-25 VTH-0056-25
6 - Rail _____ BRL-3412		13 - Vertical Holder _____ STH-0036-25 Adjustable in two axis STH-0038-25 STH-0046-25 STH-0056-25
7 - End cover _____ ECO-8040		
8 - Cable Trolley _____ TRO-8040		
9 - End Stop _____ EST-8040		
10 - Side stop _____ SAR-PR-25		



Assembly

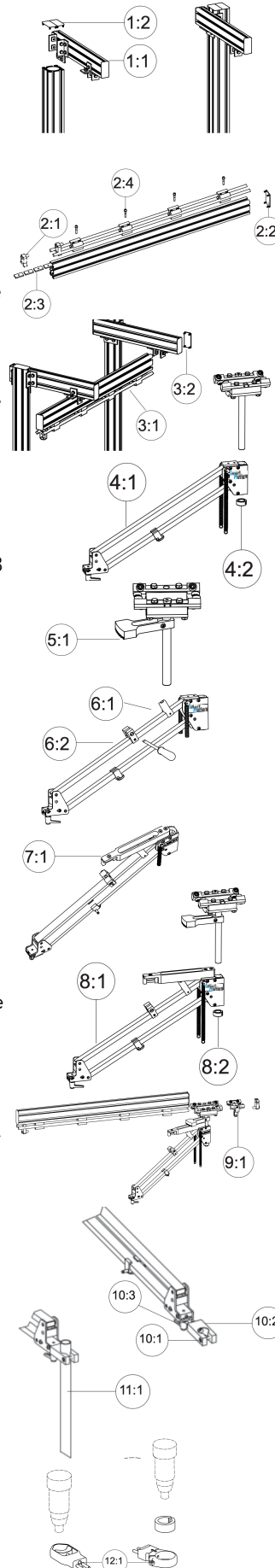
1. Fasten the two pillars. Choose screws depending on surface. Choose screws suitable for the surface material. Attach the offset beams (1:1) at the pillars. Use 13 mm spanner. End by assemble the end covers (1:2) at the pillar.
2. Attach one of the end stops (2:1) at the rail. Use 10 mm spanner. Mount one of the end covers (2:2). Slip the nuts (2:3) into the aluminum beam. Attach the screws through the holes in the rail (2:4) and into the nuts in the aluminum beam. Use 5 mm hex key.
3. Attach the complete rail system (3:1) to the offset beams. Use 13 mm spanner. Assemble the next plastic end cover (3:2) at the other side of the aluminum beam.
4. Separate the parallel part (4:1) from the carriage by loosening the set collar (4:2) use 3 mm hex key.
5. Attach the upper part of the side stop (5:1) to the shaft of the carriage. Use 5 mm hex key.
6. Attach the lower part of the side stop (6:1) at the parallel part. Use 2,5mm hex key. Attach the lower part of the height stop (6:2) further down at the parallel part. Use 4 mm hex key.
7. Attach the upper part of the height stop (7:1) to the parallel part. Use 4 mm hex key.
8. Slip the parallel part (8:1) at the shaft of the carriage. Fix the set collar (8:2). Use 4 mm hex key.
9. Slip the parallel part with the rail carriage and the cable trolley (9:1) into the rail. End by attach the second end stop.
10. Disassemble the extension tube by loosening the tube bracket screw (10:1). Use 5 mm hex key. Attach the tube bracket (10:2) to the parallel part's front. Use 4 mm hex key. End by tightening the arresting handle (10:3).
11. Attach the extension tube (11:1) at the tube bracket and tighten the screw.
12. Attach the tool and possible step down sleeve to the holder and tighten the screw (12:1). Use 4 mm hex key.

Maintenance

Weekly - Control the tightening of the tool and holder

Monthly - Control the tightening of the gas spring and the counterbalance. Control tightening of the set collar on the wall bracket or table stand.

Yearly: Control shafts, bearings and screws, they should be whole and tightened.

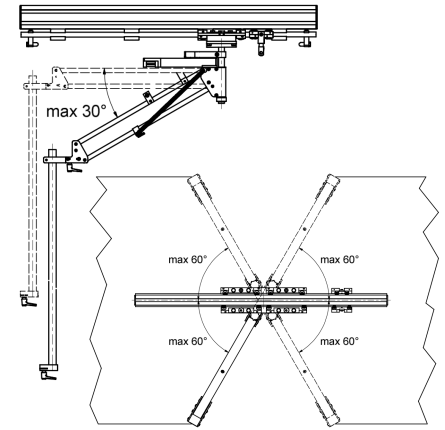


Restrictions of the Folding Arm

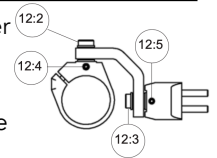


CAUTION

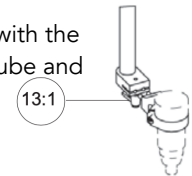
Avoid operations more than 60° from rail. Otherwise there is a risk mobile parts will move out of position.



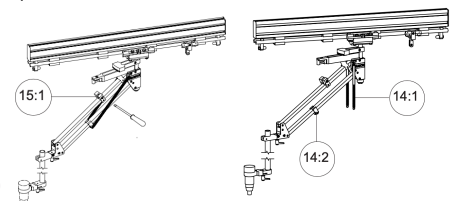
The STH-00XX-25 holder is adjusted with the screws (12:1 and 12:3). Use 13 mm spanner. The positions of the holder are fixed with the stop screws (12:4 and 12:5). Use 2,5mm hex key.



13. Attach the holder with the tool to the extension tube and tighten the arresting handle (13:1).



14. Make sure the spring tension guide (14:2) are tightened. Attach the spring (14:1) to the spring tension guide. This adjust the counterbalance strength of the springs.



15. Finally adjust the height stop (15:1). Use 1,6x10mm screwdriver

The Rail Supported Arm is correct counterbalanced when the equipment feels "weight less" to operate.

16. Inspect that all mentioned screws are properly tightened before use

