



Mactrac Pro SC2 & Pro Plus SC3 – Suspended Track Installation Guide

Healthcare Bed Screen Track Systems

1. General Notes

- Ensure all measurements are confirmed before installation.
- Confirm fixing types and screw specifications for the project.
- Recommended suspended track height: 2100mm above finished floor level (AFFL).
- Maximum hanger rod spacing: 1500mm centres.
- Additional hanger rods may be required depending on track configuration, bends, joins, ceiling height, curtain weight, cassette changer systems, or moveable track systems.
- Do not rely solely on ceiling tiles or plasterboard without suitable structural backing.
- Ensure all ceiling services (electrical, HVAC, plumbing, sprinkler systems, medical gases) are identified prior to installation.

2. Components & Tools Required

- SC2 or SC3 track sections
- THF Top Hanger Ferrules
- BHF Bottom Hanger Ferrules
- Hanger Tubes
- AWB Wall Brackets
- Joiners
- Track Junction Plates
- Nylon Glides and Hooks
- Rivets and Rivet Gun
- Appropriate fixings for timber, steel, or concrete
- Drill and drill bits
- Spirit level
- Tape measure
- Support stand to hold the track at installation height (optional, recommended when installing alone).

3. Recommended Hanger Rod Spacing

Hanger rods are to be spaced at a maximum of 1500mm centres. Additional hanger rods may be required depending on bends, joins, cassette changer systems, ceiling height, or track configuration.

Track Length	Recommended Number of Hanger Rods
0-3000mm	1
3001-4500mm	2
4501-6000mm	3
6001-7500mm	4

7501-9000mm	5
9001-10500mm	6
10501-12000mm	7
12001-13500mm	8
13501-15000mm	9
15001-16500mm	10
16501-17500mm	11
17501-19000mm	12

4. Installation Procedure

Step 1 – Confirm Layout

- Check approved layout drawings and dimensions.
- Dry-lay track sections on the floor where required.
- Identify suitable fixing locations and structural support.
- Check for ceiling services prior to drilling or fixing.

Step 2 – Install Wall Brackets

- Install wall brackets at the ends of the track at the required height.
- Recommended suspended track height is 2100mm AFFL.
- Ensure all wall fixings are secured into suitable structural substrate.
- Confirm wall brackets are level prior to installing track.

Step 3 – Join Track Sections

- Where tracks require joining, complete this on the ground before lifting into position.
- Install joiners, junction plates and rivet securely.
- Ensure all joints are flush and allow smooth glide movement.
- Install additional support close to track joins where required.

Step 4 – Assemble Hanger Rods

- Cut hanger tubes to required length if necessary.
- Assemble the hanger rod using the THF Top Hanger Ferrule, Hanger Tube, and BHF Bottom Hanger Ferrule.
- Ensure all ferrules are securely fitted.
- Rivet the bottom hanger ferrule securely to the track profile.

Step 5 – Fix Hanger Rods to Ceiling

- Secure hanger rods to suitable structural support.
- When fixing to plasterboard ceilings, ensure fixings penetrate timber or steel framing.
- When fixing to suspended ceiling grids, use suitable timber battens or structural support above the ceiling grid where required.
- Do not rely solely on ceiling tiles for support.

Step 6 – Level and Secure Track

- Lift the track into position and secure all hanger rods.

- Ensure the track remains level throughout the installation.
- Avoid twisting or warping the track during fixing.
- Check all hanger rods are vertically aligned.

Step 7 – Install Glides and Wall brackets

- Insert the required number of glides and hooks into the track. This can also be done during Step 3, while the track is on the floor.
- Install glides before connecting to the wall brackets
- Attach wall brackets securely using rivets.
- Ensure glides are retained within the track profile.

Step 8 – Final Checks

- Ensure all fixings and rivets are secure.
- Check the track is level across the full installation.
- Test glide movement from end to end.
- Check joins, bends, and support points for movement or resistance.
- Spray track with silicone lubricant if required.

5. Curtain Changer Compatibility

Macrac Curtain Changing Cassette systems may require additional hanger rods and support points. Refer to the separate Macrac Curtain Changing Cassette Installation Guide for detailed installation procedures.

6. Anti-Ligature Compatibility

Macrac suspended track systems may be used in conjunction with Macrac Anti-Ligature Fuse Glide systems where specified. Refer to the separate Macrac Anti-Ligature Installation Guide for detailed requirements.

7. Diagrams & Layouts

Refer to the Macrac diagram sheets for typical SC2 and SC3 suspended layouts, hanger rod assembly details, wall bracket configurations, and track junction arrangements.