

Metric Installation Instructions for Gorbels[®] Work Station Bridge Cranes with Telescoping Bridges

1. Install the Work Station Crane as is instructed in the Installation and Maintenance Manual.
2. Please refer to the included Telescoping Bridge Assembly Drawing when necessary.
3. If the telescoping bridge has 250 kg track or if anti-kick wheels are optionally supplied for 500 kg or 1000 kg track, assemble the anti-kick wheels to each end of the wheel plate. Use the M6 screws, lockwashers and nuts supplied with the telescoping bridge.
4. Attach the wheel plate assembly to the trapezoid shaped connection plates at the rear of the telescoping bridge. Use the M24 hex head cap screw and nylock nut provided. **Note:** Do not over-tighten. The wheel plate should have clearance between the two connection plates. This allows the wheel plate wheels to stay in contact with the track and follow the track taper.
5. Thread the M12 hex head cap screw with thread sealant into the telescoping adjustment block.
6. Attach the trolley supplied with the system bridge to the adjustment block on the telescoping bridge using the clevis pin from the trolley.
7. Remove the endstop and bolt from one end of the system bridge. Properly orient and raise the telescoping bridge and slide it into place on the system bridge. Immediately replace the endstop and bolt.
8. Insert the trolley supplied with telescoping bridge into the telescoping bridge track. If 250 kg track and using festoon trolleys, insert the number shown on the assembly drawing into the telescoping bridge track at this time. Attach endstops with through bolts.
9. Level the telescoping bridge by tightening or loosening the M12 hex head cap screw with thread sealant installed in the adjustment block. It is recommended to set the telescoping end of the bridge above level by 0.1 degrees or L/640 where L equals the length of the telescoping bridge.
10. If equipped with anti-kick wheels, adjust the anti-kick wheels so that they are just touching the top inside of the system bridge track. Once the anti-kick wheels have been set, move the telescoping bridge out to its full extension and check for binding of the anti-kicks. Back the adjustment screws of the anti-kicks off a 1/4 turn at a time until the binding is no longer present.
11. If supplied, install festooning per the installation and maintenance manual. Note the number of festoon trolleys or gliders required on the system bridge and on the telescoping bridge per the telescoping bridge assembly drawing. Install these as required. Slide the festoon clamp assembly into the festooning end of the telescoping bridge and tighten clamp bolt. **Note:** Clamp may be rotated 90 degrees for clearance issues.
12. Check to be sure that all endstops and hardware are installed and torqued correctly, all cables are free and clear, and that there are no obstacles that will interfere with the motion of the telescoping bridge.