

Track Installation Instructions

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300 SERIES TRACK – INSTALLATION INSTRUCTIONS

PLEASE READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING

1. BI-PARTING TRAVEL

1. Before raising track into position, place spindles and other accessories and drill appropriate holes. If conditions allow, all spindles and pulleys may be installed. See "Special Instructions" for information on placement and number of spindles required. Do not place end stops in the center of the track at this time.

2. Lay the track section(s) on the floor or on sawhorses in the configuration of the finished track. When laying out the track, make sure that the track which has the double end pulley (#303) is outside the curve of the single end pulley #304) track.

3. The 300 series track must be suspended every 5'-0" and 6" from each end. Extra hangers will be required on curves and at curtain stacking area depending on job conditions.

4. If a batten is used to stiffen the track, attach the pipe clamp (#435) to the batten. Before raising the track sections, place the clamp hangers loosely on the track. Raise the track and attach to the pipe clamps. The 300 series may also be suspended from ¼" cable or welded link chain.

5. It may be easier to raise the track in sections and splice the sections together once the track is suspended. The track has been punched at the factory for splices to insure proper alignment, however, make sure that the track is free from burrs or proper alignment may not be possible.

6. Attach the double and single end pulleys to their respective tracks. Make sure they are solidly anchored to the track.

7. From the center of the track, insert single carriers (#301, #316, or #328) into each side. Next, insert one master (#302, #317, or #329) into each track. Place one end stop (#309) on each end of the track.

8. Start to reeve the hand line from the upper sheave of the double end pulley. The rope goes over the sheave and through the top sheave of the double spindles (#318) toward the center overlap and through the end stop/cord support. Next, the line passes through the master carrier on the single end pulley track



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and around the single spindles (#319). Do not tighten master carrier rope clamps at this time.

9. Reeve the hand line through the single end pulley and around the outside idlers (#320). Next, line passes through the end stop/cord support (#309) on the double end pulley track and terminates at the rope lock of the master carrier on the double end pulley track. The other end of the line runs through the tension spring floor block (#308) and back toward the double end pulley. NOTE: The spring in the tension block should be extended when the operating line is first reeved.

10. Reeve the hand line over the bottom sheave of the double end pulley, around bottom roller of double spindle (#318), and terminate at the master carrier. Make sure that there is sufficient line remaining to reach the intended finished height. At this time, make sure that all the end stops are firmly in place. Release spring in floor block to place line under tension.

11. Slide each of the master carriers to the center stops and tighten all the rope clamps. Move the operating line to make sure that the track separates smoothly and the track does not flex at any time. If problems exist, correct now before hanging curtain.

12. The curtain may now be attached to the carriers. After attaching the curtain, the line set must be balanced. #308 floor blocks is not recommended for use with tracks suspended from counterweight systems. IMPORTANT: Use appropriate caution when working with an out-of-balance line set.



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2. ONE-WAY TRAVEL

1. Before raising the track, all the spindles and other accessories should be placed and all necessary holes drilled. If conditions allow, all spindles can be installed. See “Special Instructions” for information on placement and number of spindles required. Do not place end stops in the center of the track at this time.
2. Lay the track sections on the floor or on sawhorses in the configuration of the finished track.
3. The 300 series track must be suspended every 5'-0" and 6" from the ends. Extra hangers will be required on curves and in the curtain stacking areas depending on job conditions.
4. If a batten is used to stiffen the track, attach the pipe clamp (#435) to the batten. Before raising the track sections, place the clamp hangers loosely on the track. Raise the track and attach to the pipe clamps. The 300 series may also be suspended from 1/4" cable or welded link chain.
5. Attach the double end pulley (#303) to one end of the track. From the other end insert single carriers (#301, #316, or #328) and then insert the master carrier (#302, #317, or #329) into the track. Finish by attaching the single end pulley (#304). Note: #304 single end pulley must be field modified for one way operation. Re-locate sheave and guard assembly to existing hole in vertical face of mounting bracket so sheave is perpendicular to floor.
6. If the track is being suspended from a counterweight system, balance the system now. **IMPORTANT:** Use appropriate caution when working with an out-of-balance line set.
7. Start to reeve the hand line from the upper sheave of the double end pulley. The rope goes over the sheave and through the top sheave of the double spindles (#318). In one way track installations, the double spindle is the only spindle used.
8. Reeve the hand line around the sheave of the single end pulley and back to the master carrier. Terminate the hand line into the rope clamp.



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9. Reeve the other end of the hand line through the tension spring floor block and up to the double end pulley. The spring in the tension block should be extended when operating line is first reeved. Reeve the handline over the sheave and terminate at the master carrier. Remove slack in line and tighten cord clamps. Release spring in floor block to place line under tension.



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