

# **Intelli-Track SPS**

## **Use and Maintenance Manual**

**IMPORTANT NOTE:** Training the end user how to properly operate the Stacking Partition System is important for their personal safety, and for the long-term performance of the system. This “Use and Maintenance Manual” should be used as a training guide. Please leave a copy with the end user for future reference.

### **Operation of the System**

Following the procedures outlined here will help to ensure that the CRL Glass Wall Partition operates properly. These procedures can then be used to assist in training the end user.

**Caution:** Always be aware of pinch points that can cause injury to your fingers. Avoid placing your fingers between panels where they meet walls and each other. Also, the gap that opens during the operation of pivoting doors should be avoided.

Wall panels should be moved carefully, and only by properly trained adults.

Do not force panels to move. If the system is not operating smoothly have it repaired by a qualified technician.

Do not operate the wall panels and doors during high winds if the system has been installed in locations that adjoin the outdoors. When in the open position, the parked panels should be secured to prevent uncontrolled movement that can cause injury.

When the Glass Wall Partition is not in use, it is highly recommended that all floor locking devices be engaged.

### **Safety Precautions**

Correct operation of CRL Glass Wall Partitions will prevent operator injury and damage to the partition. Please follow these guidelines:

- \_ Disengage floorbolts before moving a panel.
- \_ Always move panels cautiously, and at a walking pace.
- \_ Avoid placing your fingers between edges where panels meet or pivot.
- \_ Check that the path of movement for the partition is clear of any obstacles.

## Closing the Partition

To begin closing the partition, face the stack and grasp both edges of the panel closest to you. Pull the panel toward you, Fig. 1, allowing it to follow the track configuration until both trolleys are positioned in the main track.

Walk the panel across the opening until it reaches the opposite wall. Slow the panel's movement before contacting the wall to prevent damage, Fig. 2.



Fig. 1 Beginning to extend the panels by pulling the leading edge



Fig. 2 Positioning the Lead Panel

## Engage Bottom Rail Locks

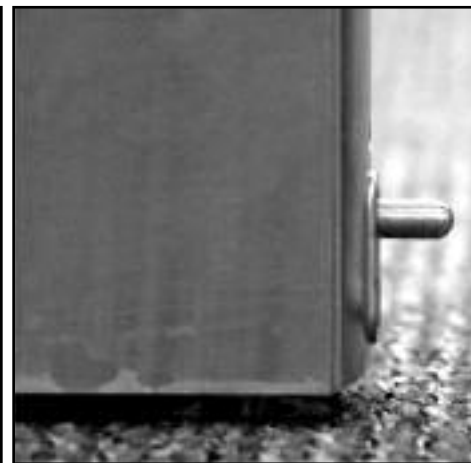
This Glass Wall Partition utilizes a combination of several locking devices in the bottom rails to stabilize the system when in the closed position:



Fig. 3 Keyed Cylinder



Thumbturn



Interconnecting Floor Bolt

Move the lead panel into position and engage the keyed cylinder or thumbturn located at the bottom lead edge of the panel. Then engage the interconnecting floor bolt on the trailing edge of the panel. This is done by aligning the floor bolt with the receiver in the floor and pushing the lever downward until engaged.

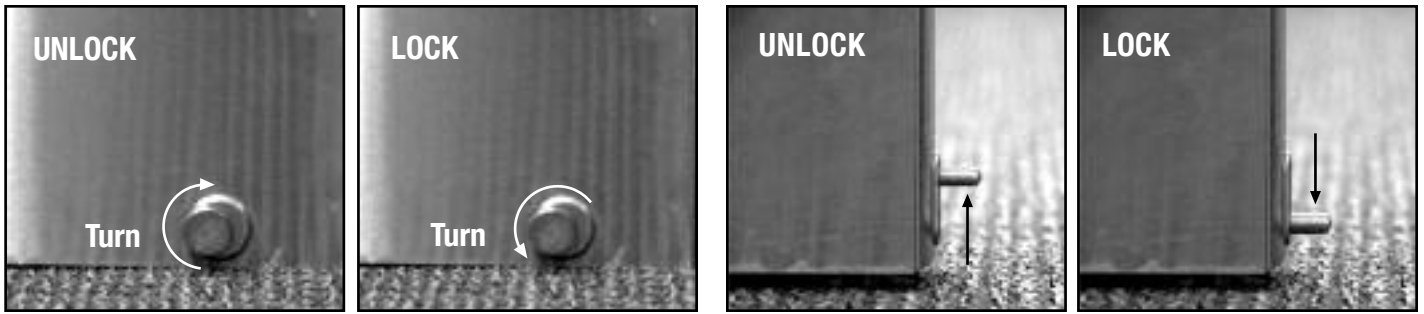


Fig. 4 Operating the thumbturn and interconnecting Floor Bolts

Cautiously move the remaining sliding panels into position at a walking pace, and engage floor bolts when in position.



Fig. 5 Typical Locking Configuration

Some configurations consist of a Pivoting door as the last panel. If included, simply pivot the door into position, or allow the optional closer to close the door, and then engage the Keyed Cylinder or Thumbturn into floor.

### Opening the Partition

Opening the partition to regain an open space requires stacking the panels back into the parking area. To restack the panels, reverse the steps required for closing the partition.

## **Parking/Stacking the Panels**

Before moving any panels, the floorbolts must be retracted. If the system includes a pivoting panel, near the parking area, this panel or door must be rotated to the open position before the remaining panels can be stacked. Now grasp the leading edge of the nearest panel to the parking area and pull it away from the adjacent panel, moving it along the main track at walking speed toward the parking area. Once the intersection between the main track and parking area is reached, control the panel by grasping both vertical edges and maneuver it into the parking area. If resistance is met, simply reverse direction slightly and then try again. Never use force!

There are many parking area configurations, each one requiring slightly different panel movements. Some configurations park at slight angles, not always in line with the wall or exactly perpendicular to the wall. This is intentional as it makes the panels move more smoothly in and out of the parking area. Do not force these panels to be flat up against the wall, or into an exact perpendicular orientation.

The Intelli-Track System automatically guides each panel along the correct path, so the process will be easy to learn and remember.



Fig. 6 Stacking the Panels

## **Maintenance**

Only qualified technicians and contractors should be allowed to perform inspections and repair work.

### **Track Maintenance**

Use a cloth or swab to apply a mild detergent or mineral spirits to the inside track surface that the trolley runs on. This should be done annually.

Periodically check the track for being level and parallel to the floor, and make adjustments as necessary. Beams that carry the weight of the track tend to deflect over time, especially when the opening is wide.

Lubrication of the track and rollers is not required. Grease or other lubricants that attract dirt should never be used. If periodic use of a lubricant is desired, CRL only recommends Cat. No. SP295 TFE Dry Lubricant.

### **Panel Maintenance**

Check the panels for damage and repair as needed.

Check floor clearance and vertical edge gaps, make adjustments, and then set the trolley lock nut to secure the panel.

Keep Floor Strike sockets free from debris, and regularly inspect all floorbolts and door closers for correct operation. Make necessary adjustments and replace any damaged or worn parts.