

## PowerFlex® 750-Series Roll-Out Cart

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**ATTENTION:** Because drive installations can vary, the PowerFlex 750-Series Roll-out Cart may require adjustment prior to use. Refer to the PowerFlex 750-Series AC Drive Installation Instructions, publication 750-IN001 for detailed setup information. Familiarize yourself with all hazards associated with using the Roll-out Cart before attempting to remove the drive from the cabinet.

**ATTENTION:** The Roll-out Cart is used with a drive that has a high center of gravity and a tip over hazard exists. To guard against death, serious personal injury, and/or equipment damage, do not subject the drive to high rates of acceleration or deceleration while transporting. Do not push or pull above the points indicated on the drive.

**ATTENTION:** To avoid an electric shock hazard, verify that the voltage on the bus capacitors has discharged completely before servicing. After removing power to the drive, wait 5 minutes for the bus capacitors to discharge. Measure the DC bus voltage at the DC+ and DC- TESTPOINT sockets on the front of the power module. The voltage must be zero.

**ATTENTION:** HOT surfaces can cause severe burns. After disconnecting power allow time for cooling.

**ATTENTION:** This drive contains ESD (Electrostatic Discharge) sensitive parts and assemblies. Static control precautions are required when installing, testing, servicing or repairing this assembly. Component damage may result if ESD control procedures are not followed. If you are not familiar with static control procedures, reference Guarding Against Electrostatic Damage, publication 8000-4.5.2 or any other applicable ESD protection handbook.

**ATTENTION:** Hazard of permanent eye damage exists when using optical transmission equipment. This product emits intense light and invisible radiation. Do not look into module ports or fiber optic cable connectors.

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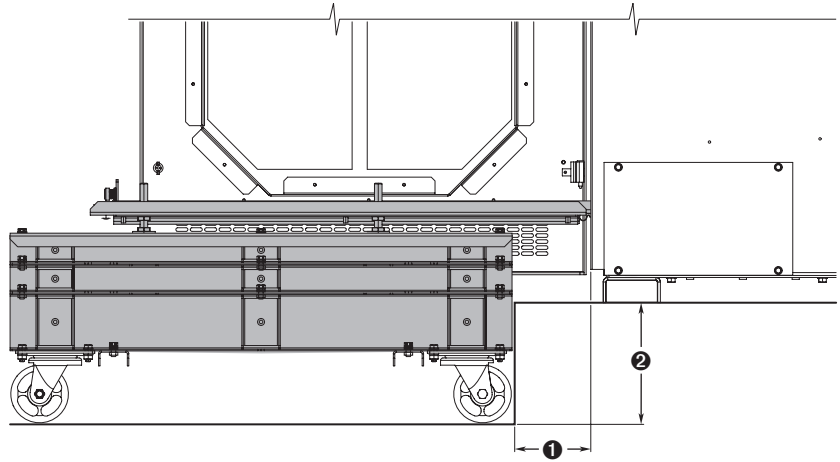
- IMPORTANT** Take precautions when using the Roll-out Cart to move the drive.
- Only use the Roll-out Cart to move the drive a short distance in order to gain access to the cabinet interior.
  - Do not attempt to move the drive on the Roll-out Cart with the handle alone. The Roll-out Cart handle is designed for positioning the empty cart.
  - Only use the cart on a smooth and level surface.
  - Ensure the path for the cart is clear of debris and obstacles.
  - Avoid sloped and rough surfaces.
  - Always move the drive slowly.
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### Finding Specific Information

For detailed information on using the Roll-out Cart with the drive refer to the PowerFlex 750-Series Installation Instructions, publication 750-IN001 available online at: [www.rockwellautomation.com/literature](http://www.rockwellautomation.com/literature)

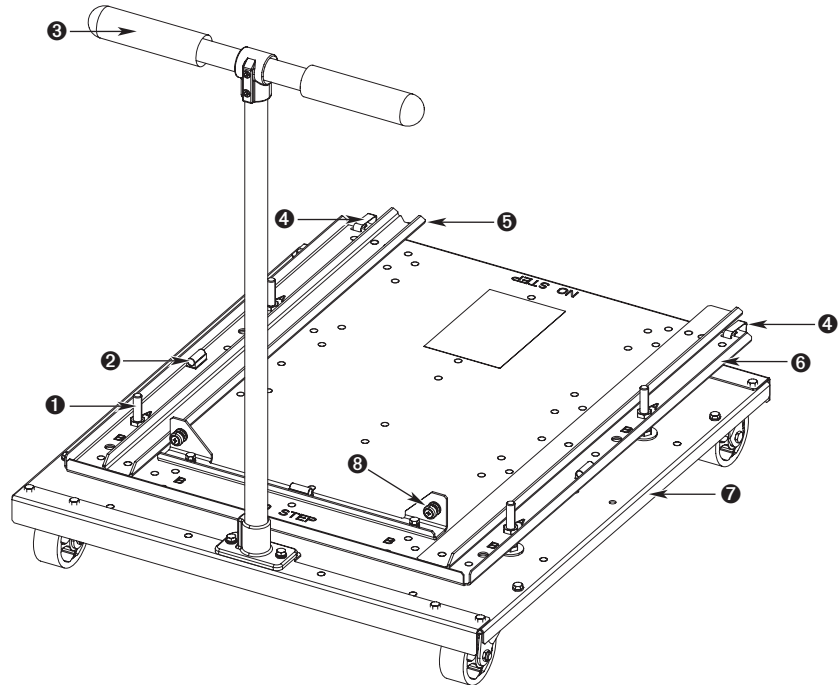
## Prepare the Roll-out Cart

The 20-750-CART1-F8 Roll-out Cart is required to remove the Frame 8 drive from the cabinet. It can be adjusted for reach and height.



No.	Description
1	Adjustment for Curb Offset/Reach: 0...114 mm (0...4.5 in.)
2	Adjustable Curb Height: 0...182 mm (0...7.2 in.)

Figure 1 - Roll-out Cart Features



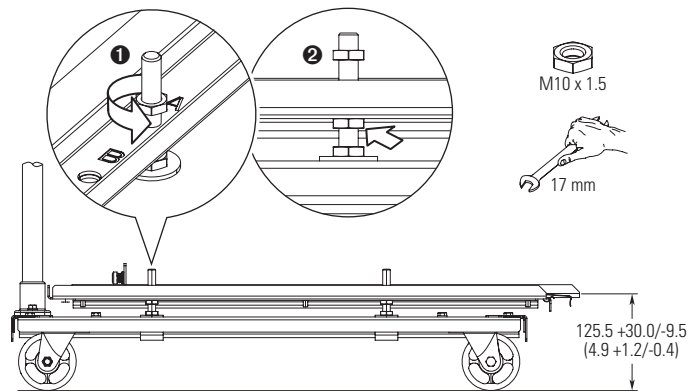
No.	Description
1	Threaded studs and nuts allow precision height and leveling adjustments (four positions)
2	Bubble levels help with fine adjustment of the cart deck (three positions)
3	Handle
4	Retaining clips positively engage the cart with the drive cabinet (two positions)
5	Alignment track keeps the drive in the correct position
6	Cart deck
7	Cart chassis
8	Drive stop and capture screws
9	Hardware for assembling I-beam spacers (not shown)

## Adjust Roll-Out Cart Height Using Threaded Studs and Nuts

The height of the Roll-out Cart deck can be adjusted using the threaded leveling studs and nuts.

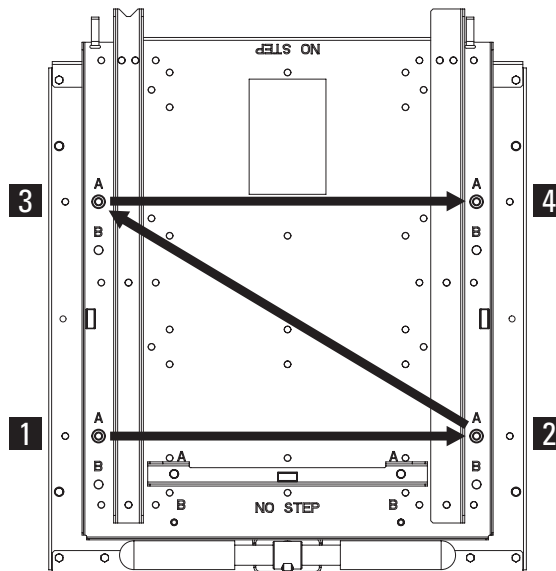
- Maximum height = 155.5 mm (6.1 in.)
- Minimum height = 116 mm (4.6 in.)
- Adjustment range = 30 mm (1.2 in.) up, 9.5 mm (0.4 in.) down from the factory setting of 125.5 mm (4.9 in.)

1. Loosen and back off the top nuts on the four threaded leveling studs ❶.



2. Turn the bottom supporting nuts to raise or lower the cart deck ❷. Right hand nut rotation lowers the deck. Left hand rotation raises the deck.

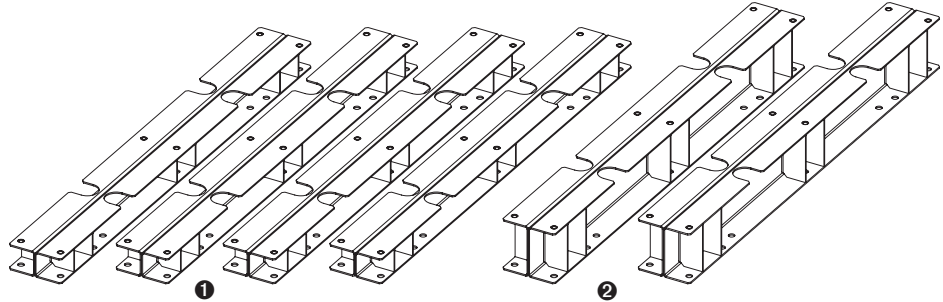
Make uniform half-turn adjustments to each of the four threaded studs in an alternating pattern to help prevent binding and maintain a level orientation.



3. At the desired height, ensure the deck is level using the three bubble levels.
4. Tighten the top nuts.

## Adjust Roll-Out Cart Height Using Spacers

The height of the Roll-out Cart deck can be adjusted using the I-beam spacers provided.



No.	Description
①	Four 38.1 mm (1.5 in.) spacers
②	Two 76.2 mm (3.0 in.) spacers

### Spacer Height Combinations

Each of the base heights below have adjustment range of +30.0 mm (1.2 in.) and -9.5 mm (0.4 in.).

