



# MODEL H8006-H8008 HEAVY DUTY I-BEAM TROLLEY INSTRUCTIONS

## Introduction

Turn any adequately supported steel I-beam into an overhead moving system with this I-beam trolley. Removable spacers allow for adjustments to fit most standard size I-beams. Model H8006 adjusts from 2½" to 8½" (63.5–216mm), and Model H8007 and Model H8008 adjust from 3½" to 8½" (89–216mm). Each trolley has solid steel wheels with heavy-duty ball bearings.

## Specifications

### Model H8006

Beam Width..... 64-203mm  
Maximum Load..... 1 Ton

### Model H8007

Beam Width..... 89-203mm  
Maximum Load..... 2 Ton

### Model H8008

Beam Width..... 102-203mm  
Maximum Load..... 3 Ton

## Inventory (Figure 1)

A.	Trolley Right Side.....	1
B.	Trolley Left Side .....	1
C.	Shaft .....	1
D.	Hook Plate.....	1
E.	Sleeves.....	2
F.	Spacers (H8006) .....	52
	Spacers (H8007) .....	41
	Spacers (H8008) .....	37
G.	Narrow Hex Nuts M30-3.5 (H8006) .....	2
	Narrow Hex Nuts M36-4 (H8007) .....	2
	Narrow Hex Nuts M48-5 (H8008) .....	2
H.	Wide Hex Nuts M30-3.5 (H8006).....	2
	Wide Hex Nuts M36-4 (H8007).....	2
	Wide Hex Nuts M48-5 (H8008).....	2

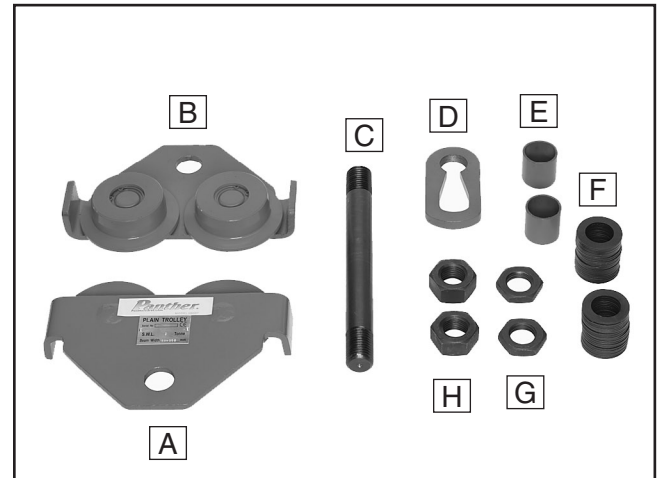


Figure 1. Model H8007 inventory.

## Assembly & Operation

Have a qualified structural engineer determine whether your I-beam can bear the maximum load of your specific I-beam trolley model. Make sure the structure securing the I-beam meets load requirements, and that the I-beam has an adequate number of intermediate supports.

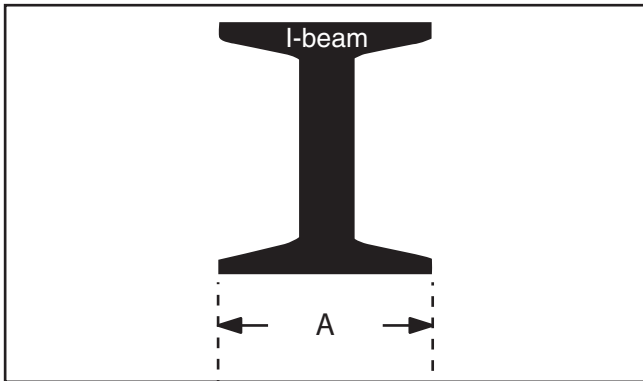
### ⚠ WARNING

Get assistance when installing the I-beam trolley, as it is heavy. Otherwise serious personal injury or death may occur.

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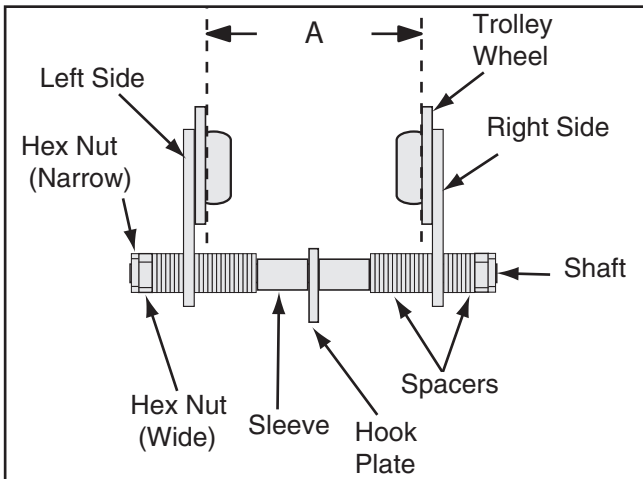
Do NOT overload the trolley. Overloading can result in death or serious personal injury!

1. Measure the I-beam flange width (A), as shown in **Figure 2**.



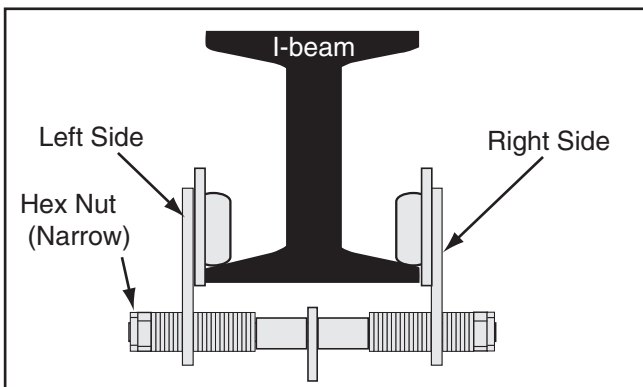
**Figure 2.** Measuring I-beam flange.

2. Assemble the trolley using the components from the inventory, as shown in **Figure 3**, and adjust the space between the trolley wheels to roughly match distance (A), shown in **Figure 2**.

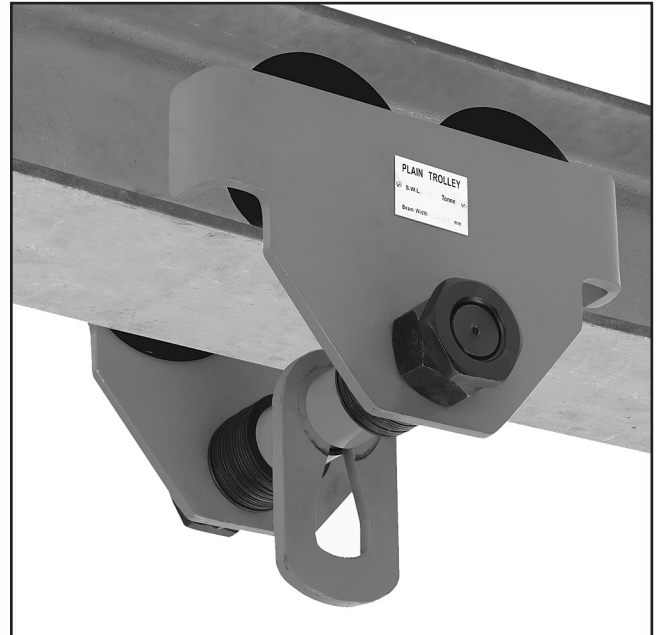


**Figure 3.** Trolley assembly.

3. With the assistance of a helper, mount the trolley onto the I-beam, as shown in **Figures 4 & 5**.



**Figure 4.** Trolley mounted on I-beam, end view.



**Figure 5.** Trolley assembled on I-beam, side view.

**Note:** You may need to adjust the number of spacers between the sleeves and trolley wheels, and the wheels and hex nuts, so the wheels seat on the I-beam. You may find it easier to mount the trolley by keeping the components loose.

4. Roll the trolley on the I-beam a short distance to see if the wheels fit on the I-beam and work correctly.
5. Adjust the wheels as needed, then final tighten the narrow hex nuts.

If you need help with your new I-beam trolley, call our Tech Support at: (570) 546-9663.

