

Miller 9065/BK

Miller by Honeywell 9065/BK I-Beam Trolley User Manual

Model: 9065/BK

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of the Miller by Honeywell 9065/BK I-Beam Trolley. It is crucial to read and understand all instructions and warnings before using this product. Failure to follow these instructions may result in serious injury or death.

The Miller 9065/BK I-Beam Trolley is designed to provide a mobile anchor point on compatible I-beams, facilitating movement for fall protection or material handling applications. Its robust construction ensures durability and reliability in demanding industrial environments.

2. SAFETY INFORMATION

WARNING: Improper use of this equipment can result in serious injury or death.

- Always inspect the trolley and the I-beam for damage or wear before each use.
- Ensure the I-beam is structurally sound and capable of supporting the intended load, including dynamic forces.
- Verify that the trolley is correctly installed and secured on the I-beam.
- Do not exceed the maximum rated capacity of the trolley (1 ton, as indicated on the unit).
- Only use this equipment for its intended purpose as a mobile anchor point for fall protection or material handling.
- Refer to all applicable local, state, and federal regulations (e.g., OSHA) regarding fall protection and material handling.
- Ensure all users are properly trained in the use of fall protection equipment and safe material

handling practices.

3. PRODUCT OVERVIEW

The Miller 9065/BK I-Beam Trolley is a robust device designed for industrial applications. It features a durable cast body with wheels that allow it to traverse along an I-beam. A central attachment point provides a connection for fall protection lanyards or lifting equipment.



Image 1: The Miller 9065/BK I-Beam Trolley shown installed on a metal I-beam, with a self-retracting lifeline attached to its lower D-ring. The trolley's wheels are visible on the top flange of the beam, and the main body indicates a '1 TON CAP.' (1-ton capacity).

Key features include:

- Durable construction for industrial environments.
- Smooth-rolling wheels for easy movement along I-beams.
- Integrated attachment point for connecting safety or lifting equipment.
- Clearly marked capacity for safety compliance.

4. SPECIFICATIONS

Attribute	Detail
Model Number	9065/BK
Brand	Miller by Honeywell
Manufacturer	Honeywell Safety Products, USA
Product Type	I-Beam Trolley (Fall Protection / Material Handling)
Material	Nylon (for internal components/webbing if applicable, main body appears metal)
Item Weight	1 pounds (0.45 kg)
Product Dimensions (L x W x H)	10 x 10.5 x 12 inches (25.4 x 26.7 x 30.5 cm)
Package Dimensions (L x W x H)	21.082 x 21.082 x 21.082 cm (8.3 x 8.3 x 8.3 inches)
Package Weight	20.31 lbs (9.21 kg)
Included Components	Fall Protection (referring to its application)
Country of Origin	United States

5. SETUP

Proper setup is critical for the safe operation of the I-Beam Trolley.

- Inspect the I-Beam:** Before installation, thoroughly inspect the I-beam for any damage, corrosion, or structural deficiencies. Ensure the beam's flanges are clean and free of obstructions that could impede trolley movement. The I-beam must be rated to support the maximum anticipated load.
- Inspect the Trolley:** Examine the trolley for any signs of damage, cracks, deformation, excessive wear on the wheels, or loose fasteners. Do not use a damaged trolley.
- Installation:** The trolley is designed to be installed on the lower flange of an I-beam. Depending on the trolley's design, this may involve opening a side plate, positioning the trolley over the flange, and then securing the side plate. Ensure all locking mechanisms (if present) are fully engaged and fasteners are tightened according to manufacturer specifications. The trolley should fit snugly but be able to roll freely along the beam.
- Test Movement:** Once installed, gently push the trolley along the I-beam to confirm smooth and unobstructed movement. It should not bind or snag.
- Connect Equipment:** Attach your fall protection lanyard, self-retracting lifeline, or lifting equipment to the designated attachment point (e.g., D-ring) on the trolley. Ensure all connections are secure and compatible with the trolley's attachment point.

6. OPERATING INSTRUCTIONS

Once the trolley is properly set up and inspected, follow these guidelines for operation:

- **Load Capacity:** Never exceed the 1-ton (2000 lbs) capacity marked on the trolley. This includes the weight of the worker, tools, and any dynamic forces generated during a fall or lifting operation.
- **Smooth Movement:** Operate the trolley with smooth, controlled movements. Avoid sudden jerks or impacts that could stress the trolley or the I-beam.
- **Clearance:** Ensure there is adequate clearance along the entire path of the I-beam to prevent the trolley or attached equipment from striking obstacles.
- **Fall Protection:** When used for fall protection, ensure the connecting lanyard or self-retracting lifeline is always taut or properly managed to minimize fall distance. Always maintain a clear fall path below the work area.
- **Material Handling:** When used for material handling, ensure the load is balanced and secured. Move loads slowly and deliberately.
- **Environmental Conditions:** Be aware of environmental factors such as wind, ice, or debris that could affect trolley movement or stability.

7. MAINTENANCE

Regular maintenance is essential to ensure the longevity and safe operation of your Miller 9065/BK I-Beam Trolley.

- **Routine Inspection:** Perform a visual inspection before each use. Check for:
 - Cracks, bends, or deformation in the trolley body.
 - Excessive wear or damage to the wheels and bearings.
 - Loose, missing, or damaged fasteners (bolts, nuts, pins).
 - Corrosion or rust.
 - Damage to the attachment point.
- **Cleaning:** Keep the trolley clean and free of dirt, grease, paint, or other foreign materials that could affect its operation or obscure inspection points. Use a mild detergent and water, then dry thoroughly.
- **Lubrication:** Periodically lubricate the wheel bearings and any moving parts with a suitable industrial lubricant, following manufacturer recommendations if available. Avoid over-lubrication, which can attract dirt.
- **Storage:** Store the trolley in a clean, dry environment away from corrosive chemicals, extreme temperatures, and direct sunlight when not in use.
- **Annual Competent Person Inspection:** In addition to user inspections, a competent person (as defined by OSHA or relevant standards) must perform a thorough inspection of the trolley at least annually, or more frequently based on usage and environmental conditions.
- **Removal from Service:** Immediately remove the trolley from service if any damage, excessive wear, or malfunction is detected. Tag it as 'DO NOT USE' and arrange for repair by a qualified technician or replacement.

8. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the I-Beam Trolley.

- **Trolley does not move smoothly:**
 - Check the I-beam for obstructions (debris, paint, welds) or damage.

- Inspect trolley wheels for damage, excessive wear, or seized bearings.
- Ensure the I-beam flange width is compatible with the trolley's adjustable range (if applicable).
- Lubricate wheels and bearings if necessary.
- **Trolley makes unusual noises:**
 - Investigate for loose components or fasteners.
 - Check for foreign objects caught in the wheels or between the trolley and the beam.
 - Inspect bearings for wear or damage.
- **Trolley appears unstable or wobbly:**
 - Verify that the trolley is correctly installed and all securing mechanisms are tight.
 - Ensure the I-beam is level and structurally sound.
 - Check for excessive wear in the trolley's components that could lead to play.

If any issue cannot be resolved or if there is any doubt about the trolley's safety, immediately remove it from service and consult a qualified technician or the manufacturer.

9. WARRANTY AND SUPPORT

For specific warranty information regarding the Miller by Honeywell 9065/BK I-Beam Trolley, please refer to the documentation provided at the time of purchase or contact Honeywell Safety Products directly. General warranty terms typically cover manufacturing defects under normal use conditions.

For technical support, replacement parts, or service inquiries, please contact:

Honeywell Safety Products, USA

Contact information (e.g., phone number, website) would typically be found on the product packaging or manufacturer's official website.

Always provide the model number (9065/BK) and any relevant serial numbers when contacting support to ensure accurate assistance.