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MILLER

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Miller Rigid Rail Systems

Custom systems for fall protection needs

Frequently Asked Questions

Q1: What is a Rigid Rail System?

A1: A Rigid Rail System provides users with a rigid rail/fall arrest system in which they can connect safely and be protected while working at heights on their vehicles. Miller offers three types of rigid rail systems: the Inverted “L” (single rigid rail system), the “T” Dual Track (dual rigid rail system), and the “P” Series (portable single rigid rail system).

Q2: What are the unique, key performance features of the Miller Rigid Rail Fall Arrest Systems?

A2: Miller Rigid Rail Systems offer many unique key features:

- Continuous lateral fall protection coverage along the full length of the system greatly reduces swing fall hazard while working on top of vehicles or elevated machinery in applications with truck tarping, machinery maintenance, rail loading/unloading and vehicle maintenance
- Versatile selection provides both permanent and portable solutions for large construction vehicles upwards of 20' in height and in 20-ft., 40-ft., or 60-ft. lengths
- Reduced fall clearance required along the entire system, compared to cable lifeline systems, allows for work on vehicles low to the ground
- Single foundation installation minimizes construction requirements and is a more cost effective solution than systems with multiple foundations, thus improving your bottom line
- Systems are provided with detailed DIY instructions, but installation services are available
- Provides workers with an easy and quick connection with their fall arrest system while working at height
- Rated for up to a 310 lb. (141 kg) worker

Q3: What competitive advantages do the Miller Rigid Rail Systems present?

A3: The patented truss-integrated rigid rail on the Inverted “L” and “T” Dual Track series allows for a single support column/foundation which reduces the time to install, overall system cost, and provides flexibility of installation. The “P” Series is a portable rigid rail system which can be moved to a new location as needed.

Q4: What is the working radius of the Miller Rigid Rail Systems?

A4: The maximum working radius allowed is 5' (1.52 m) away from rigid rail. The user must always be aware of swing fall and ensure that fall clearance is available. The allowable work area will be based on the fall clearance requirements of the attached SRL and the combination of the height, radius, and lateral distance along the edge of the vehicle. Fall clearance and swing fall concerns must be understood and mitigated to ensure worker safety.

Q5: What rail lengths are available on the Miller Rigid Rail Systems?

A5: Miller Rigid Rail systems vary from 19', 39', and 54' lengths for the Inverted “L” and “T” Dual Track Systems. The “P” Series System varies from 22', 39', and 57' length options. If a different length is required, please contact Honeywell Technical Service at 800-873-5242 or email hsptechsupport@honeywell.com.

Q6: What is the fall clearance required?

A6: The Miller Rigid Rail systems are generally designed to be used for platforms ranging from 6' to 20' off the ground. It is important to be aware of obstacles in the way and to ensure swing fall is not an issue. Fall clearance calculation should always be performed for your specific application.

Q7: Who can install Miller Rigid Rail Fall Arrest Systems?

A7: Anyone with light/medium construction capabilities can install the system but it is important that they read and understand the installation instructions. Outlined in the instructions are the tools required for the installation. Honeywell also offers installation services. For more information, please contact Honeywell Technical Service at 800-873-5242.

Q8: Can I move the Miller Rigid Rail System after it has been assembled?

A8: The P-Series Rigid Rail system can be moved on level terrain using a forklift as long as the base is level and close to the ground during transport. The system should be moved slowly and without sudden movements or stops.

Q9: How large does the forklift need to be to transport the “P” Series System?

A9: The FSP0020 system requires a 6 ton lifting capacity forklift with a minimum fork spacing of 2'-6" and a fork length of 6'-9". The FSP0040 and FSP0060 systems require a 12 ton lifting capacity forklift with a minimum fork spacing of 2'-6" and a fork length of 6'-9".

Q10: What if the Miller Rigid Rail System arrests a fall?

A10: The system must be removed from service and inspected by a qualified person before being put back in service.

Q11: What standards do the Miller Rigid Rail Systems meet?

A11: The Rigid Rail system meets all the requirements of OSHA 1926.502 Subpart M.

Q12: Can I hoist materials or suspend from the Miller Rigid Rail Systems?

A12: The Rigid Rail Systems are for fall arrest only; it cannot be used for suspension, work positioning or hoisting materials.

Q13: Can additional Miller beam anchors be used with the Rigid Rail Systems?

A13: Each Rigid Rail System comes complete with one or two beam trolleys (based on models purchased – see below chart). Only the trolley provided with the system should be used. No additional trolleys are approved for use with the systems.

SKU	Description
Inverted “L” System (Each system includes a tagline assist kit, providing the ability to store the tagline when not in use)	
FSL0020	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSL0040	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSL0060	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSLSPH	Single point anchorage system (rigid rail not included)
“T” Dual Track System (Each system includes a tagline assist kit, providing the ability to store the tagline when not in use)	
FST0020	Rigid Rail system for up to (4) four workers with two beam trolleys (additional trolleys sold separately)
FST0040	Rigid Rail system for up to (4) four workers with two beam trolleys (additional trolleys sold separately)
FST0060	Rigid Rail system for up to (4) four workers with two beam trolleys (additional trolleys sold separately)
FSTSPH	Single point anchorage system (rigid rail not included)
“P” Series System (Each system includes a tagline assist kit, providing the ability to store the tagline when not in use)	
FSP0020	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSP0040	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSP0060	Rigid Rail system for up to (2) two workers with one beam trolley (additional beam trolley sold separately)
FSPSPH	Single point anchorage system (rigid rail not included)

Q14: What is the maximum number of users rated for the Miller Rigid Rail Systems?

A14: Rigid Rail systems are rated two or four users, based on the model selected (see above chart), each weighing 310 lbs including all equipment and tools.

Q15: Do the Miller Rigid Rail Systems include personal protective equipment (PPE) for full fall protection?

A15: Miller harnesses and self-retracting lifelines should be purchased separately. Due to a wide variety of Miller equipment we allow the user to select the PPE that is best suited to their application.

Q16: How does the Miller Rigid Rail System get delivered to site?

A16: Due to shipping charges not being included, customers have the ability to ship with their own preferred carrier or Honeywell can arrange shipping prepaid & add (Honeywell will prepay the freight and add the shipping cost to the quote or purchase order from the customer).

Q17: Are counter weights required for the portable “P” Series? If yes, can I provide my own weights?

A17: The “P” Series includes concrete counter weights that must be used with the system. No additional or customized weights should be used.

Q18: If I have questions on the Miller Rigid Rail Systems, who do I contact for information?

A18: Contact Honeywell Technical Service at 800-873-5242 or email hsptechsupport@honeywell.com.



► Ask the Expert ... Ask Miller.

800/873-5242: Honeywell Technical Service
800/430-5490: Honeywell Customer Care
www.millerfallprotection.com