Miller Saf-T-Climb®
Ladder System

- Easy to order and install
- Accomodates up to 4 workers
- Easily retrofits to existing ladders or can be designed into new construction
- Low cost of ownership – in the event of a fall the whole system does not need to be replaced, only the damaged section of rail
- Available in galvanized steel, aluminum and stainless steel
The Saf-T-Climb System has more than 60 years of safe climbing history and is frequently the specified rigid rail ladder safety device for industry and government. This system provides total ladder climbing safety for workers on any site—above or below ground; straight or curved.

Installation of a Saf-T-Climb fall prevention system means instant compliance with OSHA climbing safety regulations. Any slip or fall is stopped by the locking action of the Saf-T-Grip Shuttle.

**Climb Safely**

A basic straight-rail Saf-T-Climb System consists of 5 components...

1. **Saf-T-Notch Rail**
   This round, notched rigid rail runs up the middle of the ladder, held in place by a Rung Clamp positioned every six feet at minimum. For aluminum systems, rung clamps should be positioned every four feet at minimum.

2. **Rung Clamps**
   Rung Clamps hold the Saf-T-Notch Rail in place. There are clamps for round rung ladders with rung diameters up to 1-1/4" and clamps for square rung ladders with rungs up to 1-1/4" thick.

3. **Dismount Extension**
   Three dismount options are available for a straight-rail system. A fourth dismount option can be specified for custom designed systems. See opposite page for all dismount options.

4. **Saf-T-Grip Shuttle**
   Any slip or fall is instantly stopped as the Saf-T-Grip Shuttle immediately locks onto the Saf-T-Notch rail as soon as there is a slip or fall. An integrated shock-absorbing element reduces force on the worker and system in the event of a fall.

5. **Miller Saf-T-Climb® Harness**
   The Miller Saf-T-Climb Harness was specifically designed for simplicity and comfort for use with the Saf-T-Climb ladder system.
   Harness features include:
   - Bayonet buckles allow easy single action for a secure connection.
   - The integral back/shoulder pad eliminates tangling of the harness straps, wicks away moisture, and provides all-day comfort.
   - Lumbar padding, single back D-ring, single front D-ring, two side D-rings and two shoulder D-rings are all included.
Dismount Safely

Dismount Extension Options:

Removable Ascending Hatch Dismount and Holder
This dismount is removable to allow a hatch door to close. The dismount is stored in a holder at the top of the ladder. A worker climbs from the bottom and installs the dismount when he reaches the top. The dismount holder eliminates the need to carry the dismount while climbing.

Removable Descending Hatch Dismount
This dismount is removable and installed when a worker needs to climb down. The dismount is removable to allow the hatch door to close.

Saf-T-Pivot Permanent Dismount
This dismount is affixed to the ladder and allows the worker to safely dismount at the top of the ladder. Rung clamps required for installation sold separately.

Saf-T-Mount Permanent Dismount
This permanent dismount allows the worker to safely move onto a platform located midway up the length of the ladder.

Note: This dismount is only available for custom designed systems.

Custom Saf-T-Climb Systems can be designed to fit more complex climbing applications
Miller Saf-T-Climb rigid rail systems are available as basic straight-rail designs or more complex custom designs including curves and platforms. For more information on custom systems, please call Honeywell Technical Service at 800.873.5242.
A basic straight-rail Saf-T-Climb System consists of 5 components

**SYSTEM COMPONENTS**

1. **SAF-T-NOTCH RAIL**
   - SKU | Description             | Material             | Please Note:
   - 526-101-001R | Saf-T-Notch Rail       | Galvanized Rail      | • Specify length when ordering; If the ladder starts at the ground, subtract two feet from the total rail length (for shuttle installation/removal)
   - 526-102-001 | Saf-T-Notch Rail       | Aluminum Rail        | • If using a removable dismount, subtract an additional foot from the total rail length
   - 526-103-001 | Saf-T-Notch Rail       | 304 Stainless Steel Rail | If using a permanent dismount, subtract three additional feet from the total rail length
   - 526-105-001 | Saf-T-Notch Rail       | 316L Stainless Steel Rail |  

2. **RUNG CLAMPS**
   - SKU | Description | Material | Please Note:
   - 024-101-001 | Round rungs up to 1-1/4” diameter | Galvanized | • Use one Rung Clamp at least every 6-ft. (Aluminum uses one at least every 4-ft.)
   - 024-102-001 | Round rungs up to 1-1/4” diameter | Aluminum | • Rung clamps must be placed above and below splice on first available rung
   - 024-103-001 | Round rungs up to 1-1/4” diameter | Type 304 Stainless Steel | • Add one additional rung clamp if using a removable dismount. Add two rung clamps if using a permanent dismount.
   - 024-105-001 | Round rungs up to 1-1/4” thickness | Galvanized |  

3. **DISMOUNT EXTENSIONS**
   - SKU | Description | Material | Please Note:
   - 080-101-042R | 42-in. Removable Extension | Galvanized | • Each user requires a Saf-T-Grip shuttle
   - 080-101-142 | Removable Extension Holder | Galvanized |  

4. **SAF-T-GRIP SHUTTLE**
   - SKU | Description | Material | Please Note:
   - 602-100-003 | Saf-T-Grip Shuttle, Locks into the rail in the event of a fall |  

5. **SAF-T-CLIMB HARNESS**
   - SKU | Description | Material | Please Note:
   - 733-201-001 | Universal Harness (L/XL) with medium belt |  

**OPTIONAL LANYARDS (FOR POSITIONING) & OPTIONAL STORAGE BOX**

- SKU | Description | 
- 879TR/6FTGN | 6-ft. (1.8 m) HP Lanyard with SofStop shock absorber w/double legs; one locking snap hook; two locking rebar hooks |
- 910TWLS/6FTGK | 6-ft. (1.8 m) HP Lanyard with SofStop shock absorber w/single leg; two locking snap hooks |
- 770-000-004 | Storage Box, holds two harnesses and two shuttles |

Custom Saf-T-Climb Systems

The need for custom Saf-T-Climb designs including curves and platforms, requires more detail. For more information on custom systems, please call Honeywell Technical Service at 800.873.5242.