

# Miller Confined Space Equipment

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### Miller MightEvac® Self-Retracting Lifeline with Emergency Retrieval Hoist

The Miller MightEvac combines the superior performance and reliability of the best-selling MightyLite Self-Retracting Lifeline Series with a quick-activating retrieval mechanism for emergency evacuation.

- No annual factory recertification required\*
  - Significant long-term savings/lower cost of ownership
- 20% lighter than competitive models
- Promotes quick and easy rescue with a 4:1 mechanical advantage (average speed of 25 ft. [7.6m] per minute)
- 310 lb. (1.4kN) weight capacity
- For emergency evacuation only
- Corrosion-resistant stainless steel/aluminum components
- Convenient, heavy-duty carrying handle
- Available in galvanized or stainless steel wire rope and Kevlar rope in lengths of 50 ft. (15m), 100 ft. (30m) and 130 ft. (40m), or Kevlar rope models in lengths of 40 ft. (12.2m) Model MR40K/40FT, and 80 ft. (24.4m) Model MR80K/80FT.



No annual factory recertification required

\*Does not apply to Canada due to CSA Z259.2.2-98 requirements. Must be inspected by a Miller authorized service center if involved in a fall or if falls user visual or function inspection.



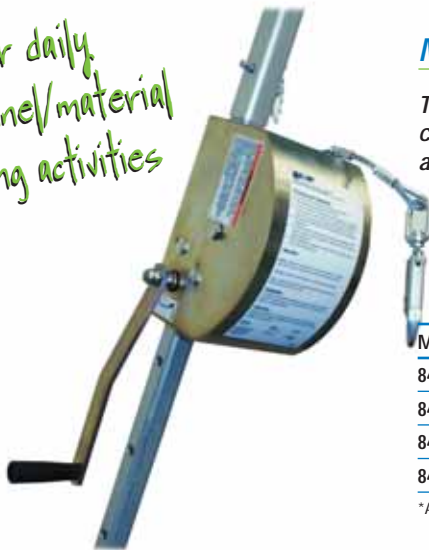
| MIGHTEVAC SRL UNITS |   |                                   | COMPLETE CONFINED SPACE SYSTEMS*                       |  |  |  |
|---------------------|---|-----------------------------------|--|--|--|--|
| Length of Wire Rope | MightEvac Unit** w/Galvanized Wire Rope | MightEvac Unit w/Mounting Bracket | MightEvac Unit w/7-foot (2m) Tripod & Mounting Bracket | MightEvac Unit w/7-foot (2m) Tripod, Mounting Bracket & ManHandler Hoist | MightEvac Unit w/9-foot (2.7m) Tripod & Mounting Bracket | MightEvac Unit w/9-foot (2.7m) Tripod, Mounting Bracket & ManHandler Hoist |
| 50' (15m)           | MR50G/50FT                              | MR50GB/50FT                       | MR50GC/50FT  | MR50GCM/50FT   | MR50GX/50FT  | MR50GXM/50FT   |
| 100' (30m)          | MR100G/100FT                            | MR100GB/100FT                     | MR100GC/100FT  | –  | MR100GX/100FT  | –  |
| 130' (40m)          | MR130G/130FT                            | MR130GB/130FT                     | MR130GC/130FT  | –  | MR130GX/130FT  | –  |

\*Confined Space Systems also include a pulley, carabiner and two heavy-duty equipment bags.

\*\*For stainless steel wire rope, change the "G" to an "S" in the corresponding model number (Ex: MR50G/50FT becomes MR50S/50FT and MR130GC/130FT becomes MR130SC/130FT).

Note: ManHandler Hoist only available in 65 ft. (18m) and 100 ft. (30m) lengths.

For daily personnel/material handling activities



### Miller ManHandler® Hoist/Winch

The Miller ManHandler Hoist is the perfect solution for a range of applications including confined space entry, rescue, positioning and personnel/material handling. A secondary fall arrest system is recommended for fall protection.

- Compact, durable steel construction
- Smooth, controlled winding action
- Effortless lifting and lowering with 5:1 gear ratio
- Anti-backlash crank handle braking system prevents freewheeling
- Built-in mounting bracket
- 350 lb. (1.6kN) working capacity

| Model       | Description   |
|-------------|---|
| 8442/65FT*  | ManHandler hoist w/65' (20m) of galvanized wire rope  |
| 8442/100FT* | ManHandler hoist w/100' (30m) of galvanized wire rope |
| 8440/60FT*  | Material winch w/60' (18m) of galvanized wire rope    |
| 8441/88FT*  | Material winch w/88' (27m) of galvanized wire rope    |

\*Also available with stainless steel wire rope by adding "SS" after model number (Ex: 8442SS/65FT).

## Miller Tripod

The Miller Tripod is the anchorage connector for typical confined space and rescue systems.



- Available in 7 ft. (2m) and 9 ft. (2.7m) models
- Lightweight, high-strength aluminum construction
- Withstands up to 5,000 lbs. (22kN) of vertical pull
- Adjustable legs with integral push pins, ideal for uneven surfaces
- Independent leg locking feature hold legs securely in place
- Safety chain and tripod feet with rubber skid pads and serrated edge prevent slippage in icy conditions
- Available with reflective tape

| Model | Description                             |
|-------|---|
| 51    | 7' (2m) high-strength aluminum Tripod   |
| 51X   | 9' (2.7m) high-strength aluminum Tripod |

## Miller Quad Pod

For applications where a traditional tripod cannot be used, the Quad Pod provides an excellent alternative.

- Versatile, two-piece unit consists of a boom and base
- Base features folding legs and a wheel for easy transport
- Boom rotates 360 degrees for maximum maneuverability and features a mounting plate to accommodate entry and retrieval units

Also available with permanent bases for mounting to truck beds or at confined space entrances while transporting the boom between locations.



Optional Base:  
#8464-3L, 24" (610mm)  
High Permanent Base



Optional Base:  
#8464-3, 3" (76mm)  
High Permanent Base

| Model   | Description  |
|---------|--|
| 8464    | Quad Pod System (Includes base with folding legs and boom) |
| 8464-1  | Standard Quad Pod Base with folding legs                   |
| 8464-2  | Quad Pod Boom  |
| 8464-3  | 3" (76mm) high permanent Quad Pod Base                     |
| 8464-3L | 24" (610mm) high permanent Quad Pod Base                   |

## Miller Davit Mounting System

The Miller Davit Mounting System can be mounted on a ladder (with 12-inch [305mm] spacing between rungs) extending into a manhole, vault or tank, and serves as an anchorage connector for entry and retrieval units, winches, or other mechanical devices. Ideal for tight work environments where traditional tripod and quad pods are not practical.

- The complete system includes mounting plate, main tubing, retrieval unit bracket and pulley head assembly.



Optional Base:  
#8847-8 Permanent  
Davit System  
Mounting Base

| Model   | Description                          |
|---------|--------------------------------------|
| 8847-9* | Complete Davit System                |
| 8847-8  | Permanent Davit System Mounting Base |

\*Consists of davit arm (8847-2), base (8847-1), self-retracting lifeline bracket (8847-3), and pulley head assembly (8847-4).





## Miller Rescue/Descent Equipment

### Miller Universal Rescue System

The Miller Series 70 Universal Rescue System is a lightweight, compact, versatile access and retrieval rope system. Simple, one-person operation, the rope control handle allows the user to easily ascend and descend the rope line. Should an emergency rescue situation occur, a top-side worker may activate the system to retrieve the user.

Ideal for refineries, grain elevators, subways, fire departments, breweries, chairlifts, window washing, confined spaces, shipbuilding, transmission towers, power plants, offshore drilling and bridge inspection.

#### Series 70 System

- Aluminum head assembly with roller pulley and anti-reversing lock
- Kernmantle rope with a tensile strength of 5600 lbs. (25kN) and high-temperature resistance to 360°F (182°C)
- Rope control handle with friction locking device and with permanently attached Manyard shock-absorbing lanyard
- Two carabiners
- Convenient carrying bag



A secondary fall arrest system is recommended.



Optional:  
Bos'n Chair  
#6004NS

| Model         | Description  |
|---------------|--|
| 70-100/100FT* | Series 70 System w/25' (7.6m) working length                   |
| 70-200/200FT* | Series 70 System w/50' (15m) working length                    |
| 70-400/400FT* | Series 70 System w/100' (30m) working length                   |
| 70-500/500FT* | Series 70 System w/125' (38m) working length                   |
| 70-C          | Rope control handle w/attached Manyard shock-absorbing lanyard |

\*Rope length is divided by four to determine maximum working length.

### Miller Descent Device

The Miller Manual Descent Device is designed for a variety of applications where smooth, controlled descent from an elevated position is required. The device, controlled by the user, allows for making descent fast or slow; decelerating and stopping by applying slight outward pressure on the free end of the line; and locking in a stationary position for a hands-free work environment.

The device must be ordered with Miller brand descent rope.

| Model | Description                    |
|-------|--------------------------------|
| 8113* | Descent Device Unit            |
| 8195  | Polyester-braided Descent Rope |

\*Model 8113 Descent Device Unit must be ordered with Model 8195 polyester-braided rope (please specify length).

Optional:  
Bos'n Chair #6004NS



### Miller SafEscape™ Controlled Descent/Self-Rescue System

Miller SafEscape Controlled Descent/Self-Rescue System offers a safe, timely solution for emergency height rescue. The SafEscape descender is specially designed for smooth, automatic vertical and angular controlled descent from overhead cranes, towers, aerial lifts, oil derricks, platforms or other elevated work areas.

| Model      | Description  |
|------------|--|
| AG10KT     | Complete Miller SafEscape System includes SafEscape rescue unit, 3/8" (9.5mm) polyester rope, rescue harness, cross-arm strap, anchorage connector/carabiner, retrieval yoke and convenient carrying bag |
| AG-10      | Miller SafEscape automatic descender with rescue rope only (specify rope length)   |
| 000109/URK | Miller rescue harness  |

