

# Miller Turbo T-BAK™ and Twin Turbo T-BAK™

Models: MFLT-1/7.5FT, MFLT-2/7.5FT, MFLT-3/7.5FT, MFLT-4/7.5FT, MFLT-5/7.5FT, MFLTB-1/7.5FT

## Description

The Miller Turbo T-BAK and Twin Turbo T-BAK Personal Fall Limiters (PLFs) are designed for *tie-back* use. The all-in-one design features a retractable with 7.5 ft. working capacity and anchorage connector.

The Twin Turbo T-BAK provides *100% tie-off protection*, easily adapting to the Miller Twin Turbo™ D-Ring Connector.

## Materials

<b>Housing:</b>	High impact nylon
<b>Hub:</b>	Shock-absorbing engineered co-polymer
<b>Braking Mechanism:</b>	Stainless steel
<b>Webbing:</b>	1 in. wide x .075 in. thick (25.4 mm x 1.9 mm)
<b>Snap Hook:</b>	Zinc plated steel Miller 5K® snap hook 5,000 lb gate strength 3/4 in. (19 mm) gate opening

## Technical

### Maximum

**Working Load:** 400 lbs (181 kg)

### Working Length

**Capacity:** 7.5 ft (2.3 m)

### Maximum

**Arresting Force:** <900lbf (4 kN) for up to 310 lbs.  
(140 kg) Working Load

<1800lbf (8 kN) for up to 400lbs.  
(181 kg) Working Load

## Certification

Meets OSHA 1926.502, 1910.66, ANSI A10.32, \*ANSI Z359.1 and CSA Z259.12-01 Class 1, Z259.2.2-98 Type 1 requirements

\*ANSI Z359-2007 compliant for connectors which meet the 3,600lb gate requirements.



MFLT-1/7.5FT  
Miller Turbo T-BAK Tie-Back  
Personal Fall Limiter



Toll Free 800.873.5242 • Phone 814.432.2118 • Fax 800.892.4078 • [www.millerfallprotection.com](http://www.millerfallprotection.com)

**⚠ WARNING!** THIS DOCUMENT PROVIDES AN OVERVIEW OF FALL PROTECTION PRODUCTS AVAILABLE FROM SPERIAN FALL PROTECTION AND CARE HAS BEEN TAKEN TO ASSURE THE ACCURACY OF THE DATA. IT DOES NOT PROVIDE IMPORTANT PRODUCT WARNINGS AND INSTRUCTIONS. SPERIAN FALL PROTECTION RECOMMENDS ALL USERS OF FALL PROTECTION EQUIPMENT UNDERGO THOROUGH TRAINING, AND THAT ALL WARNINGS AND INSTRUCTIONS PROVIDED WITH THE PRODUCTS BE THOROUGHLY READ AND UNDERSTOOD PRIOR TO EACH USE. FAILURE TO READ AND FOLLOW ALL PRODUCT WARNINGS AND INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH.

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## D-Ring Connector Materials

### Inner Frame:

Side Plates - High Strength 2024 Aluminum

Rivets - 18-8 Solid Stainless Steel

Spacers - 18-8 Stainless Steel & 6061 Aluminum

**Outer Frame:** 303 Stainless Steel

**D-Ring Pin Retainer:** 303 Stainless Steel

**D-Ring Pin:** 416 Stainless Steel

**D-Ring Wear Pads:** UHMW Polyethylene

**PFL Retainer Pins:** 303 Stainless Steel

**PFL Spacer:** 2024 Aluminum

## Technical

**Max. Tensile Load:** 5,000 lbs (22.2 kN)

**Max. Proof Load:** 3,600 lbs (16 kN)

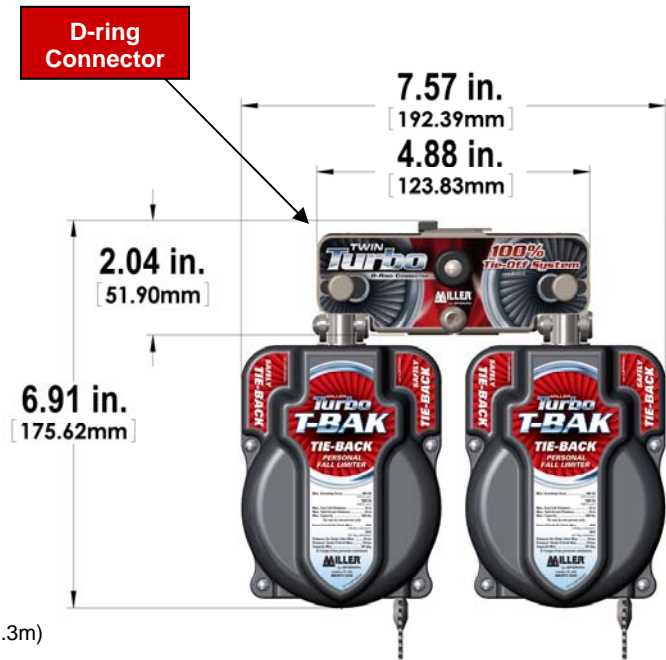
**Max. Working Load:** 400 lbs (18 kg)

**Working Length Capacity (w/Turbo T-BAK PFLs):** 7.5ft (2.3m)

**Max. Arresting Force (w/Turbo T-BAK PFLs):**

<900lbf (4kN) up to 310lbs. (140kg) Working Load

<1,800lbf (8kN) up to 400lbs. (181kg) Working Load



**MFLTB-1/7.5FT**  
Miller Twin Turbo T-BAK Tie-Back  
Personal Fall Limiter (100% Tie-Off Fall Protection)

Miller Turbo T-BAK Tie-Back Personal Fall Limiter		
Model	Unit Connector	Weight
MFLT-1/7.5FT	N/A	2.6 lbs. (1.18 kg)
MFLT-2/7.5FT	Steel Twist Lock Carabiner	3.2 lbs. (1.45 kg)
MFLT-3/7.5FT	Aluminum Twist Lock Carabiner	2.8 lbs. (1.27 kg)
MFLT-4/7.5FT	Locking Snap Hook (3/4")	3.2 lbs. (1.45 kg)
MFLT-5/7.5FT	ANSI Z359.1-2007 Compliant Snap Hook (3/4")	3.3 lbs. (1.50 kg)
Miller Twin Turbo T-BAK Fall Protection System		
Model	Description	Weight
MFLTB-1/7.5FT	Twin Turbo D-ring connector with two MFLT-1 Units	6.1 lbs. (2.77 kg)



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