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# 3S LIFT FALL PROTECTION SYSTEM

Guide Rail Fall Protection System  
Wire Rope Fall Protection System

**Ficont Industry (Beijing) Co., Ltd.**  
No. 11 Tongji South Road, Jingkai District,  
Beijing 100176, China  
Tel: +86 10 69597866  
E-mail: [info-china@3SLift.com](mailto:info-china@3SLift.com)

**3S Americas, Inc.**  
2920 Telecom Parkway,  
Suite 400, Richardson,  
TX 75082, USA  
Tel: +1 972 849 3210  
Email: [info@3SAmericas.com](mailto:info@3SAmericas.com)

**3S Europe GmbH**  
Hein-Saß-Weg 21,  
21129, Germany  
Tel: +49 40 32518887  
Email: [info@3SEurope.de](mailto:info@3SEurope.de)

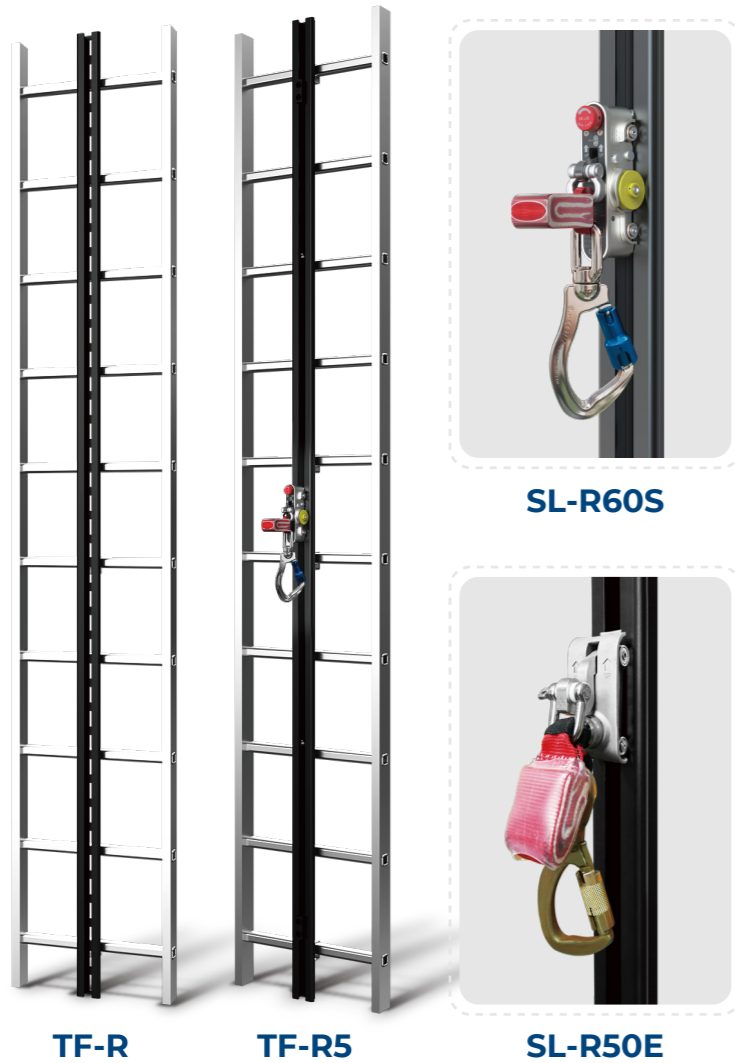
**3S Lift India Private Limited**  
Workafella Business Center-51,Level 4,  
Tower A Ratttha Tek Meadows Old  
Mahabalipuram Road, Rajiv Gandhi  
Salai, Sholinganallur Chennai, Tamil  
Nadu, India, 600119  
Tel: +91 9600653379  
Email: [info-india@3sindustry.com](mailto:info-india@3sindustry.com)

**3S Japan Co., Ltd**  
13-106,17-4-chome,Minamiaoyama,  
Minato City, Tokyo 107-0062  
Tel: +81 3 57863515  
Email: [info-japan@3sindustry.com](mailto:info-japan@3sindustry.com)

customer service hotline  
**+49 40 32518887**

# Guide Rail Fall Protection System

Fall protection is paramount for safety when working at height. Should a technician slip or miss a rung on the ladder, the Fall Arrester will lock immediately, preventing a fall.



Our fall protection system consists of two components: a **guide rail** and a **Fall Arrester**.

The Fall Arrester moves with the technician, travelling along the guide rail. Made from highstrength aluminum alloy that is resistant to acid, alkali and corrosion, our fall protection systems are suitable for deployment even in the harshest conditions.

The system is suitable for installation on any aluminum or steel ladder.



# Guide Rail Fall Arrester

The Fall Arrester is attached to the ladder-mounted safety guide rail. It slides along the rail and engages automatically in the event of a fall.



## Energy Absorber

To dampen the impact when falling, our Fall Arresters feature an energy absorber. This further improves safety while making the system more comfortable for the user. The SL-R50E and SL-R60S even come with 2 separate energy absorbers, ensuring excellent performance.



## Anti-Inversion Design

The intuitive design of our fall arresters only allows installation in one direction, thus preventing operator error.



## Attachment at any Position

The Fall Arresters can be attached and removed at any position on the guide rail.



## Comfortable and Convenient Use

Our Fall Arresters are designed to be particularly comfortable and convenient. They smoothly track the climber's movement while moving along the guide rail and require no manual tugging.



## Secondary Locking Mechanism

SL-R60S offers an added level of safety by providing a secondary locking mechanism in addition to the primary one.



## On- and Offshore Use

Our corrosion- and abrasion-resistant Fall Arresters are suitable for deployment in demanding conditions, both on- and offshore.



SL-R50E

SL-R60S

# Guide Rail Fall Protection System Specifications

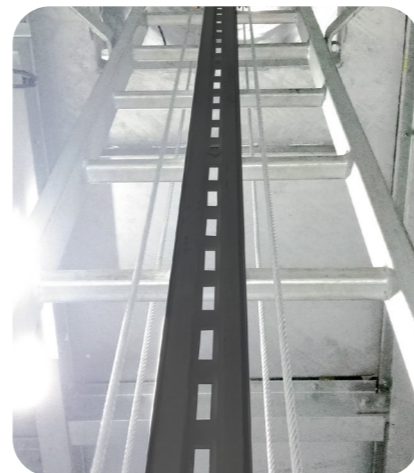
Performance Data		
Model	TF-R5	TF-R
Guide rail type	Internal sliding type	
Corresponding Fall Arrester	SL-R60S , SL-R50E	
Applicable ladder	Aluminum ladders or steel ladders	
Max. static load	16 kN	
Certificates	CE, ABNT/NBR	
Compliant with standard	EN353-1 ANSI Z359.16 ANSI A14.3 CSA Z259.2.4 OSHA 1910.140/29/23/28/30 OSHA 1926.502 AS/NZS 1891.3 ABNT/NBR 14627	EN353-1 AS/NZS 1891.3 ABNT/NBR 14627



TF-R5

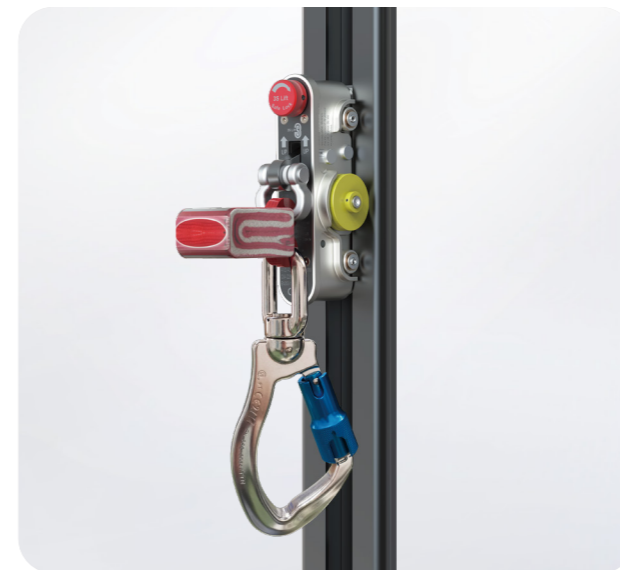


TF-R



# Guide Rail Fall Arrester Specifications

Performance Data		
Model	SL-R60S	SL-R50E
Corresponding Fall Protection System	TF-R	
Rated load	140 kg	
Max. static load	16 kN	
Certification	CE, ABNT/NBR	CE
Compliant with standard	EN353-1 ANSI Z359.16 CSA Z259.2.4 ANSI A14.3 OSHA 1910.140 AS/NZS 1891.3 ABNT/NBR 14627	EN353-1 ANSI Z359.16 CSA Z259.2.4 OSHA 1910.140/29/23/28/30 OSHA 1926.502



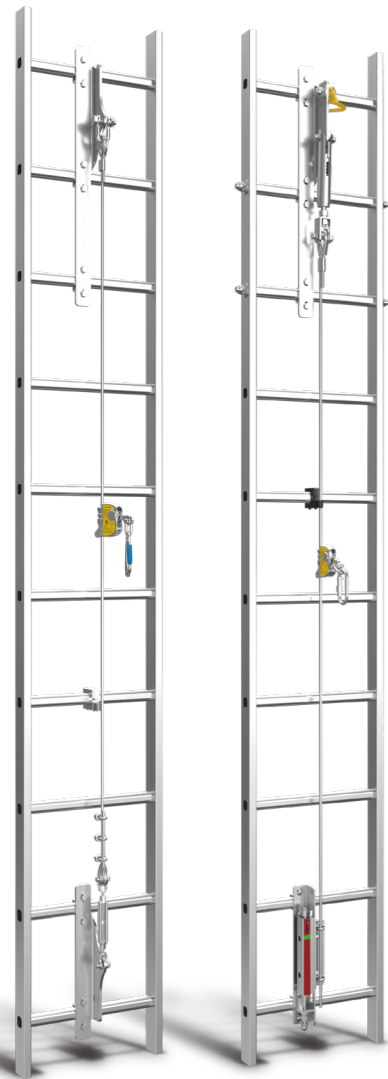
SL-R60S



SL-R50E

# Wire Rope Fall Protection System

Our wire rope fall protection system prevents falling and keeps personnel safe while working at height. It is made up of two components: a **guide wire rope** and a **Fall Arrester**.



TF-80 / 83 / 10



SL-820S



SL-810S

The TF-83 / TF-80 / TF-10 Wire Rope Fall Protection System can be installed on any aluminum or steel ladder.

It consists of mounting brackets, a wire rope, tensioning device and wire rope clamps.

The wire rope is installed between the upper and lower mounting brackets.



# Key Features

**Optional Shock Absorber**  
Installed at the top mounting bracket, the shock absorber increases safety and comfort.

**Top Mounting Bracket**  
The wire rope is attached to the top of the ladder using a durable, long-life mounting bracket.

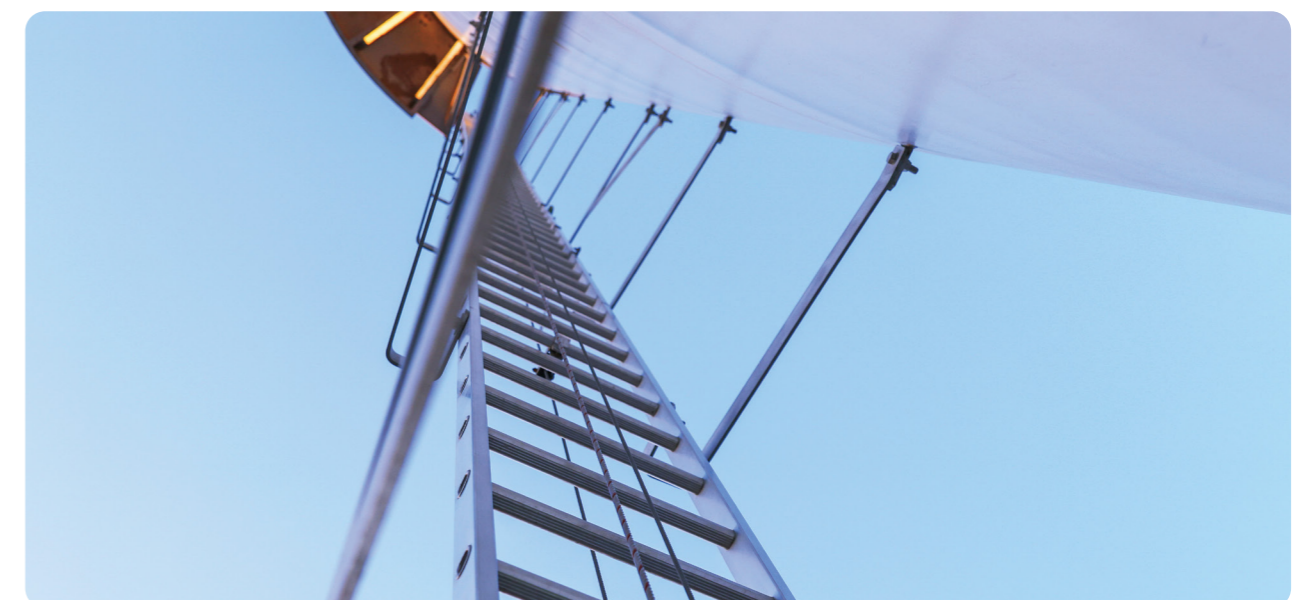
**Fixing Clamps**  
Wire rope clamps prevent the rope from swinging and causing abrasion to the rope or ladder.

**Bottom Mounting Bracket with Optional Tensioner**  
The tensioning device at the bottom mounting bracket allows for easy adjustment of the tensioning force.

**Fall Arrester**  
The Fall Arrester can be attached and removed at any position on the wire rope.

# Wire Rope Fall Protection System Specifications

Performance Data			
Model	TF-83	TF-80	TF-10
Safety Wire Rope	8.3 mm	8.0 mm	9.5 mm
Corresponding Fall Arrester	SL-810S , SL-820S		
Shock Absorber	Optional		
Tensioner	Optional		
Certificates	CE, ABNT/NBR	CE	CE, ABNT/NBR
Compliant with standard	EN353-1 ABNT/NBR 14627	EN353-1	EN353-1 ANSI Z359.16 CSA Z259.2.5 ANSI A14.3 OSHA 1910.140/29 OSHA 1926.502 ABNT/NBR 14627



# Wire Rope Fall Arrester

The SL-810S/SL-820S Fall Arrester slides smoothly along the wire rope of the TF-83 / TF-80 / TF-10 Wire Rope Fall Protection System. It slides along the rope and engages automatically in the event of a fall.



## Secure Locking System

The internal spring mechanism of the SL-810S/SL-820S ensures secure locking.



## Anti-Inversion Design

The intuitive design of the SL-810S/SL-820S allows installation only in one direction, thus preventing operator error.



## Optional Energy Absorber

To dampen the impact when falling, the Fall Arrester can be equipped with an energy absorber. This further improves safety while making the system more comfortable for the user.



## Stainless Steel

Featuring the strongest possible anti-corrosion grade C5-M, the stainless steel Fall Arrester is designed for adverse conditions.



## 8 mm to 10 mm Wire Ropes

The SL-810S/SL-820S can accommodate 8 to 10 mm wire ropes. They can be attached and removed at any position on the rope.

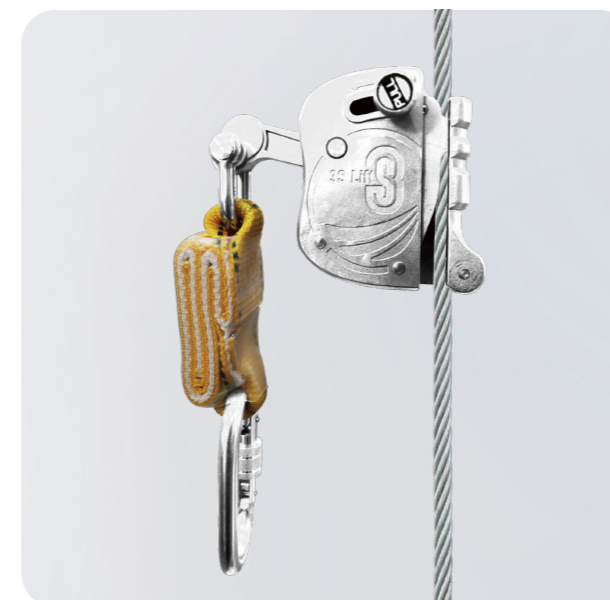


## On- and Offshore Use

Our corrosion- and abrasion-resistant Fall Arresters are suitable for deployment in demanding conditions, both on- and offshore.

# Wire Rope Fall Arrester Specifications

Performance Data		
Model	SL-810S	SL-820S
Corresponding Fall Protection System	TF-83 / TF-80 / TF-10	
Rated load	140 kg	
Max. static load	16 kN	
Certification	CE, ETL, OSHA compliant	CE, ETL
Compliant with standard	EN 353-1	EN 353-1 ANSI Z359.16 CSA Z259.2.5 ANSI A14.3 OSHA 1910.140/29 OSHA 1926.502 AS/NZS 1891.3 ABNT/NBR 14627



SL-810S



SL-820S

# 3S LIFT FALL PROTECTION SYSTEM

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Wire Rope Fall Protection System

## AFTER-SALES SERVICE



**Hotline**

+ 400 002 4580



### Quick Response

- 12 h to diagnose fault
- 24 h to offer solutions
- 48 h to resolve complaint