



Fall Protection

3M™ DBI-SALA® FlexiGuard™ Solutions

Unique solutions for unique needs.

E6

Fall Protection You Can Trust.

3M™ Fall Protection's certified, internally-trained technicians provide installation, training services and yearly inspections throughout equipment life to help make your workers' safety a simple guarantee.

FlexiGuard™ Systems are designed to meet the requirements of your specific application while ensuring maximum safety and peace of mind.

Durable

- Powder-coated, anodized high strength alloy.
- Specifically engineered for extra tall and wide applications.
- Enclosed rail to help keep debris out (weather elements).
- 100% fall arrest rated tie-off from the ground up.
- SAE J429 Grade 8 hardware with zinc yellow Chromate plated finish.

Portable

- Lightweight design - easily moved by minimal personnel.
- Most allow for positioning by a forklift or other service vehicle.
- Heavy-duty stabilization for use on uneven ground.

Versatile

- Indoor and outdoor use.
- Multiple overhead anchor points on systems that are designed for multiple users.
- Provides a large, safe working area - working radius from rail is 6 feet or 30°.
- Rigid anchor points have no deflection or sag, reducing fall clearance requirements.
- Systems can be permanently mounted (where applicable).
- FlexiGuard Systems provide custom solutions to meet the needs of specific and challenging work environments.

Contents.

Product Overview	2
A-Frame System	4
Jib System	5
SafRig™ Fall Protection System	6
EMU™ Engineered Modular Unit System	7
Freestanding Ladder System	8
Counterweighted System	9

Markets Served Include.



Wind energy



Transportation



Oil and gas



Mining



Construction



**Utility, telecom
and municipalities**

With an internal ISO-certified lab, 3M™ Fall Protection ensures all products are tested and certified to meet and often exceed the latest regulatory standards including compliance with CE standards. All design, engineering, testing and manufacturing takes place in Red Wing, Minnesota, USA.

3M Fall Protection is not responsible for the prepayment of freight for FlexiGuard™ Systems.

The A-Frame System provides a secure anchor point on a portable structure to give workers increased coverage and protection. Depending on the configuration, this system has the capacity to provide fall protection for up to two workers and can be easily moved from job site to job site, providing safe and reliable fall protection where you need it. These systems are CE compliant.



Applications



Fixed Height Systems

- Provide effective/economical means of anchoring overhead
- Each system contains one rail with two trolleys
- System includes heavy-duty leveling jacks

	Anchor Height	Rail Width	Wheels	# of Users
8560027	4.6 m (15')	4.6 m (15')	0.4 m (16') Caster	2
8560028	4.6 m (15')	6.1 m (20')	0.4 m (16') Caster	2
8560029	4.6 m (15')	9.1 m (30')	0.4 m (16') Caster	2
8560030	6.1 m (20')	4.6 m (15')	0.4 m (16') Caster	2
8560032	6.1 m (20')	6.1 m (20')	0.4 m (16') Caster	2
8560033	6.1 m (20')	9.1 m (30')	0.4 m (16') Caster	2
8560034	9.1 m (30')	4.6 m (15')	0.4 m (16') Caster	2
8560036	9.1 m (30')	6.1 m (20')	0.4 m (16') Caster	2
8560021	9.1 m (30')	9.1 m (30')	0.4 m (16') Caster	2



The Jib System is a solution for indoor and outdoor maintenance where mobility and worker safety are key. These systems incorporate a 180° rotating jib with the capacity to provide fall protection for one person. The base also contains four heavy-duty lifting rings for transport by a crane. This system is CE compliant.



Applications



Jib Systems

- Attach to supporting, fixed structure (e.g. on I-Beam) on the job site
- Mounting clamps, plates and hardware included with systems
- System rotates 180° and locks every 7.5°
- Installed Glide 360 rail with trolley

	Boom Height	Offset	# of Users
8560433	TBD by End User	6.1 m (20')	1



The FlexiGuard™ SafRig™ System offers a portable fall arrest system that can be used for workers with limited space but need a large work area. The smaller frame allows trucks to be parked side-by-side during use but does not require the weight of the vehicle as the anchoring force. The 360° rotational boom provides a 1.8 m (5 ft. 10 in.) working offset and has the capacity to provide fall protection or as a rescue system for one person. Forklift pockets add the ease of moving the system around a jobsite. These systems are CE compliant.

Applications



SafRig™ Systems

- Periscoping rotation handle included for turning system into working position
- Counterweight base solutions available with or without concrete

with Outrigger Base

	Base	Anchor Height	Offset	# of Users
8560015	4.56 m (15') x 4.56 m (15')	6.1 m (20')	1.8 m	1

with Counterweight Base

	Base	Anchor Height	Offset	# of Users	Concrete
8560016	1.4 m (4' 6")	6.1 m (20')	1.8 m	1	Without
8545755	SafRig™ System boom only				

Note: SafRig™ System boom 8545755 is compatible with fixed base of EMU (8560026 and 8560023).



EMU™ Engineered Modular Unit System

The latest from the FlexiGuard™ Solutions product line is the highly customizable, CE compliant, Engineered Modular Unit System (EMU™). This modular system is designed for easy adjustment and maximizing flexibility without sacrificing safety. The lightweight design allows for easy mobility around the jobsite with a forklift truck (3.1 ton). With three adjustable height models plus three mounting options, there is a configuration to fit virtually any need. The 360° rotation mast allows for a 1.8 m (6 ft.) working radius from the anchor point. These systems are CE compliant.



Applications



EMU™ Systems

- Rotation handle included for turning system into working position
- Installed Glide 360 Rail with trolley
- Rotational locking pin includes adjustments at every 11 degrees



Adjustable Height EMU™ Systems

	Anchor Height	Offset	Concrete	# of Users
8560018	3.05 m - 4.57 m (10' - 15')	2.1 m (7')	N/A	1
8560017	3.96 m - 6.10 m (13' - 20')	2.1 m (7')	N/A	1
8560014	4.57 m - 7.62 m (15' - 25')	2.1 m (7')	N/A	1

Note: fixed base of EMU™ System (8560026 and 8560023) are compatible with SafRig™ System boom (8545755).

Base Configurations

	Base Type	Concrete	Anchorage Material
8560026	Concrete Floor Mount	N/A	Concrete, Steel
8560023	Top Floor Mount	N/A	Concrete
8560013	Counterweight	Without	Solid, Level Surface
8530563	Jack Levelling Kit	N/A	N/A

Each Freestanding Ladder System combines easy access to elevated work areas with 100% fall protection for up to two users from the ground up for the duration of the work being performed. System configurations include guardrails and the use of multiple SRLs on the system. These models are CE compliant.



Applications



Adjustable Height Systems

- Manual height adjustment via winch assembly
- Multiple height adjustment ranges available
- All systems include a fall arrest bar for accessing ladder
- System includes heavy-duty leveling jacks

	Platform Height	System Type	Wheels	# of Users
8567715	3.3 - 4.7 m (10.75 - 15.5')	Portable Ladder	0.4 m (16") Pneumatic	2
8567717	4.4 - 7.0 m (14.5 - 23')	Portable Ladder	0.4 m (16") Pneumatic	2
8567719	5.6 - 9.4 m (18.25 - 31')	Portable Ladder	0.4 m (16") Pneumatic	2



8567715

The Counterweighted System is designed as a portable solution to provide an overhead anchor point for multiple users while working at heights. These systems are designed to be counterbalanced by concrete or other means, allowing for close positioning to the work surface without obstructing the equipment being accessed. CE compliant. The system can be moved by a forklift truck of enough capacity.



Applications



Counterweighted Systems

- Provide effective/economical means of anchoring overhead
- Ideal in areas with no overhead obstructions
- System includes heavy-duty leveling jacks and tag line assist

	Anchor Height	Rail Width	Offset	Weighted	# of Users
8560025	6.7 m (22')	9.8 m (32')	2.4 m (8')	Not included	2
8560024	6.7 m (22')	11.6 m (38')	2.4 m (8')	Not included	2



3M Belgium BVBA / SPRL

Hermeslaan 7
1831 Diegem
België / Belgique
E-mail: 3Msafety.be@mmm.com
www.3Msafety.be

3M Danmark

Hannemanns Allé 53
2300 København S
Danmark
E-mail: 3M.CustomerCare.DK@mmm.com
www.3Msikkerhed.dk

3M Deutschland GmbH

Carl-Schurz-Straße 1
D - 41453 Neuss
Deutschland
E-mail: arbeitsschutz.de@mmm.com
www.3Marbeitsschutz.de

3M Espana, S.A.

Juan Ignacio Luca de Tena, 19-25
28027 Madrid
Espana
E-mail: ohes.es@3M.com
www.3M.com/es/seguridad

3M France

Boulevard de l'Oise
95006 Cergy Pontoise Cedex
France
www.3M.com/fr/securete

3M Greece

20 Kifissias Ave.
151 25 Maroussi
Athens, Greece
www.3M.com/gr/occsafety

3M Ireland Limited

The Iveagh Building
The Park, Carrickmines
Dublin 18
Ireland
E-mail: ohes.helpline.uk@mmm.com
www.3M.co.uk/safety

3M Italia srl

Via Norberto Bobbio, 21
20096 Pioltello MI
Italia
E-mail: 3Msicurezza@mmm.com
www.3Msicurezza.it

3M Nederland B.V.

Molengraaffsingel 29
2629 JD Delft
Nederland
E-mail: 3Msafety.nl@mmm.com
www.3Msafety.nl

3M Norge A/S

Tærudgata 16
2004 Lillestrøm
E-mail: 3M.CustomerCare.NO@mmm.com
www.3M.no/vern

3M Österreich GmbH

Kranichberggasse 4
1120 Wien
Öbsterreich
www.3M.com/at/arbeitsschutz

3M Portugal

Rua do Conde Redondo, 98
1169-009 Lisboa
Portugal
www.3M.com/pt/seguranca

3M Suisse S.a r.l. / Schweiz GmbH

Eggstrasse 93
8803 Rüschiikon
Suisse / Schweiz
www.3M.com/ch/safety

Suomen 3M Oy

Keilaranta 6
02150 Espoo
Suomi
E-mail: 3M.CustomerCare.FI@mmm.com
www.3M.fi/suojaimet

3M Svenska AB

Bollstanäsvägen 3
191 89 Sollentuna
E-mail: 3M.CustomerCare.SE@mmm.com
www.3M.se/personskydd

3M United Kingdom PLC

3M Centre
Cain Road
Bracknell
RG12 8HT
United Kingdom
E-mail: ohes.helpline.uk@mmm.com
www.3M.co.uk/safety

**Fall Protection****Registered Offices:**

Capital Safety (Northern Europe) Limited
3M Centre, Cain Road
Bracknell, Berkshire, RG12 8HT, UK

Capital Safety Group (EMEA)

Le Broc Center, Bâtiment A, Z.1. 1re Avenue
– BP15, 06511 Carros Le Broc, Cedex, FRANCE

Phone: +33 (0)4 83 58 08 08
Email: informationfallprotection@mmm.com
Web: 3M.com/FallProtection