Versatile, reliable fall protection for unique work environments.
Specific applications call for flexible solutions. 3M™ DBI-SALA® Flexiguard™ Solutions are:

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, working area — working radius from rail is 6 ft. or 30 degrees.
- Rigid anchor points have no deflection or sag, reducing fall clearance requirements.
- Systems can be permanently mounted (where applicable).
- Flexiguard custom solutions meet the needs of specific and challenging work environments.

Keep your workers protected with longlasting solutions. Every aspect of our process—from our internal ISO-certified lab and technicians, to our industry-leading installation, training and annual inspections—is designed to cover you throughout equipment life.

Our products are tested and certified by our engineering and manufacturing team in Red Wing, MN. They meet and often exceed the latest regulatory standards, including compliance with ANSI, CE and OSHA standards.

Popular applications include:

For product inquiries:
Distributed by Engineered Fall Protection
Sales@EngineeredFallProtection.com
www.EngineeredFallProtection.com
Tel: (314) 492-4422
**3M™ DBI-SALA®**

**Freestanding Ladder System**

Easy access. 100% fall protection from the ground up. Achieve both for up to two users for the duration of the work with our Freestanding Ladder System. System configurations include guardrails and the use of multiple self-retracting lifelines (SRLs). These models are ANSI, OSHA and CE compliant.

**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.

<table>
<thead>
<tr>
<th>Platform height</th>
<th>System type</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.75 ft.-15.5 ft. (3.3 m-4.7 m)</td>
<td>Portable ladder</td>
<td>16 in. (0.4 m)</td>
<td>2</td>
<td>8517715</td>
</tr>
<tr>
<td>14.5 ft.-23 ft. (4.4 m-7.0 m)</td>
<td>Portable ladder</td>
<td>16 in. (0.4 m)</td>
<td>2</td>
<td>8517717</td>
</tr>
<tr>
<td>18.25 ft.-31 ft. (5.6 m-9.4 m)</td>
<td>Portable ladder</td>
<td>16 in. (0.4 m)</td>
<td>2</td>
<td>8517719</td>
</tr>
</tbody>
</table>

**Counterweighted System**

Create an overhead anchor point for multiple workers with ease. The Counterweighted System is a portable solution designed for counterbalancing by concrete or other means, allowing for close positioning to the work surface without obstructing the equipment being accessed. These systems are ANSI and OSHA compliant.

**Counterweighted Systems**
- Provide effective/economical means of anchoring overhead.
- Includes systems with and without the concrete counterweight on base of unit.
- Ideal in areas with no overhead obstructions and door height restrictions.
- System includes one rail with two trolleys.
- System includes heavy-duty leveling jacks and tag line assist.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Rail width</th>
<th>Offset</th>
<th>Weighted</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 ft. (6.7 m)</td>
<td>30 ft. (9.1 m)</td>
<td>2 ft. (0.6 m)</td>
<td>not included</td>
<td>2</td>
<td>8517760</td>
</tr>
<tr>
<td>22 ft. (6.7 m)</td>
<td>33 ft. (9.9 m)</td>
<td>2 ft. (0.6 m)</td>
<td>included</td>
<td>2</td>
<td>8517761</td>
</tr>
<tr>
<td>22 ft. (6.7 m)</td>
<td>42 ft. (12.2 m)</td>
<td>2 ft. (0.6 m)</td>
<td>not included</td>
<td>2</td>
<td>8517762</td>
</tr>
<tr>
<td>22 ft. (6.7 m)</td>
<td>42 ft. (12.2 m)</td>
<td>2 ft. (0.6 m)</td>
<td>included</td>
<td>2</td>
<td>8517763</td>
</tr>
</tbody>
</table>

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3M™ DBI-SALA®

C-Frame System

A versatile fall arrest solution for working at height, the C-Frame System is designed to be moved manually or with the use of a tow bar and service vehicle. It requires some clearance under the equipment being accessed to accommodate outrigger support legs. These systems are ANSI, OSHA and CE compliant.

Adjustable Height Systems

• Adjustable by manually cranking winch.
• Most often used in areas with no overhead obstructions or door height restrictions.
• System includes heavy-duty leveling jacks.
• Each system includes one rail with two trolleys.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Rail width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5 ft.-19 ft. (3.8 m-5.85 m)</td>
<td>10 ft. (3 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517701</td>
</tr>
<tr>
<td>12.5 ft.-19 ft. (3.8 m-5.85 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517705</td>
</tr>
<tr>
<td>17.5 ft.-23.75 ft. (5.3 m-7.2 m)</td>
<td>15 ft. (4.6 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517707</td>
</tr>
<tr>
<td>17.5 ft.-23.75 ft. (5.3 m-7.2 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517709</td>
</tr>
<tr>
<td>22.5 ft.-38.75 ft. (6.8 m-11.8 m)</td>
<td>15 ft. (4.6 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517711</td>
</tr>
<tr>
<td>22.5 ft.-38.75 ft. (6.8 m-11.8 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517713</td>
</tr>
</tbody>
</table>

Model shown 8517709

3M™ DBI-SALA®

A-Frame System

The A-Frame System provides a secure anchor point on portable structures 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 one job site to the next—providing reliable fall protection where you need it. These systems are ANSI, OSHA and CE compliant.

Fixed Height Systems

• Provide effective/economical means of anchoring overhead.
• Each system contains a single rail rated for two users.
• Ideal in areas with no overhead obstructions or door height restrictions.
• System includes heavy-duty leveling jacks.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Rail width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ft. (4.6 m)</td>
<td>15 ft. (4.6 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517700</td>
</tr>
<tr>
<td>15 ft. (4.6 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517701</td>
</tr>
<tr>
<td>15 ft. (4.6 m)</td>
<td>30 ft. (9.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517702</td>
</tr>
<tr>
<td>20 ft. (6.1 m)</td>
<td>15 ft. (4.6 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517703</td>
</tr>
<tr>
<td>20 ft. (6.1 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517704</td>
</tr>
<tr>
<td>20 ft. (6.1 m)</td>
<td>30 ft. (9.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517705</td>
</tr>
<tr>
<td>30 ft. (9.1 m)</td>
<td>15 ft. (4.6 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517706</td>
</tr>
<tr>
<td>30 ft. (9.1 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517707</td>
</tr>
<tr>
<td>30 ft. (9.1 m)</td>
<td>30 ft. (9.1 m)</td>
<td>16 in. (0.4 m) Caster</td>
<td>2</td>
<td>8517708</td>
</tr>
</tbody>
</table>

Adjustable Height Systems

• Can be adjusted using overhead crane, forklift or powered systems.
• Each system contains two rails for bypassing trolleys.
• Designed for areas with overhead obstructions and door height limitations where lowering the overall height of the A-Frame is a requirement.
• System includes heavy-duty leveling jacks.

<table>
<thead>
<tr>
<th>Anchor height</th>
<th>Rail width</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ft.-22.5 ft. (4.9 m-6.85 m)</td>
<td>20 ft. (6.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517780</td>
</tr>
<tr>
<td>16 ft.-22.5 ft. (4.9 m-6.85 m)</td>
<td>30 ft. (9.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8517781</td>
</tr>
</tbody>
</table>

Model shown 8517780

Model shown 8517709
3M™ DBI-SALA® Supported Ladder System

Enables access and maintenance of transportation vehicles across a wide variety of different applications and environments with our portable Supported Ladder System. This unique solution offers the best in passive and active fall protection. The work platform is fully enclosed by guardrails for passive fall protection and easily accessible through two spring-loaded swing gates. You can also access the working surface of the vehicle through one spring-loaded gate while tied off to the active fall arrest rail. This system is ANSI and OSHA compliant.

Supported Ladder System

• Heavy-duty steel base design with an aluminum platform and all arrest rail.
• Work platform is covered in a non-slip material.
• System equipped with two heavy-duty stabilizing jacks and two retracting outriggers that can be set without having to go beneath the work surface.

### Fixed Height Systems

- Provide effective/economical means of anchoring the vehicle.
- Designed for areas with no overhead obstructions or door height restrictions.

### Adjustable Height System

- Adjustable using overhead crane, forklift or powered systems.
- Pin height selection system.
- Designed for areas with overhead obstructions and door height limitations.

### Supported Ladder System

- Heavy-duty steel base design with an aluminum platform and all arrest rail.
- Work platform is covered in a non-slip material.
- System equipped with two heavy-duty stabilizing jacks and two retracting outriggers that can be set without having to go beneath the work surface.

---

**Supported Ladder System**

<table>
<thead>
<tr>
<th>Platform height (ft, m)</th>
<th>Platform length (ft, m)</th>
<th>Platform width (ft, m)</th>
<th>Rail length (ft, m)</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 ft. (2.7 m)</td>
<td>9 ft. (2.7 m)</td>
<td>3 ft. (0.9 m)</td>
<td>8 in. (0.2 m) Urethane</td>
<td>1</td>
<td>8530397</td>
<td></td>
</tr>
</tbody>
</table>

**Adjustable Height System**

<table>
<thead>
<tr>
<th>Height Width Length (ft, m)</th>
<th>Wheels</th>
<th># of Users</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 ft. - 16 ft. (3.7 m - 4.9 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8530345</td>
</tr>
<tr>
<td>21 ft. (6.4 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8530381</td>
</tr>
<tr>
<td>30 ft. (9.1 m)</td>
<td>16 in. (0.4 m) Pneumatic</td>
<td>2</td>
<td>8530427</td>
</tr>
</tbody>
</table>

---

**3M™ DBI-SALA® Box Frame**

Conveniently secure a fall arrest rigid rail in areas with limited space or inadequate overhead structure. Our Box Frame Systems are built to accommodate a specific area or piece of equipment and can be designed as permanent or portable frames, allowing for easy relocation. These systems are ANSI and OSHA compliant.

### Fixed Height Systems

- Provide effective/economical means of anchoring overhead.
- Designed for areas with no overhead obstructions or door height restrictions.

### Adjustable Height System

- Adjustable using overhead crane, forklift or powered systems.
- Pin height selection system.
- Designed for areas with overhead obstructions and door height limitations.
Introducing the 3M™ DBI-SALA® Flexiguard™ Modular Jib System.

The next level of jib versatility.

Complies with

For use in Canada, please review applicable provincial regulations.
M100 & M200

Exceptional configuration compatibility.

Improved transportability.

Helps you work safely.

Get the coverage you need with this versatile new fall protection system. Available in both the M100 and M200 Series, the 3M™ DBI-SALA® Flexiguard™ Modular Jib System features a simplified design that enhances worker safety in multiple applications. Increased rail-length configurations improve working coverage while a new design facilitates easier system transport.

More Versatility

New modular product offering provides 80 unique application solutions

Extended Reach

- New M200 version offers improved reach on 15 ft. (4.6 m) configurations enabling up to 10 ft. (3.5 m) more reach than previous models

Rescue Ready

- Equip the optional rescue mounting kit for a turnkey rescue plan or confined space retrieval device
- Rescue kits available for M100 & M200 models

Patent Pending Fail-Safe Mast Lock

- Eliminates need for height-locking fasteners like pins and bolts
- Automatic safety lock engages to prevent uncontrolled mast movement if primary lifting mechanism fails

- Flip up rotation handle
- Improve productivity with the optional power assisted device. When equipped, it adjusts height four times faster than the manual adjustment of previous 3M models

- Rotating mast up to 360 degrees (most models)

- 3M™ Safety-Walk Slip Resistant walking surface (counterweight bases)

Increased Height

- Improved maximum height for 30 ft. (9.1 m) models enables up to 5 ft. (1.5 m) more vertical height versus previous models
- Semi-Fixed models come with 5 ft. (1.5 m) of height adjustment for maximum flexibility during field installations

- Removable counterweight box (counterweight bases) with built in fork pockets and lifting ring attachment points (sold separately)
- Integrated leveling bubbles (counterweight bases)

Powder Coated and Galvanized Components

- Extruded aluminum overhead horizontal rail for SRL trolley
- Stainless steel anchor trolley
- Dual by-passing rails (two user models)

- Open multi-directional base designed to accommodate a wide array of fork shapes and sizes

Get the coverage you need with this versatile new fall protection system. Available in both the M100 and M200 Series, the 3M™ DBI-SALA® Flexiguard™ Modular Jib System features a simplified design that enhances worker safety in multiple applications. Increased rail-length configurations improve working coverage while a new design facilitates easier system transport.

More Versatility

New modular product offering provides 80 unique application solutions

Extended Reach

- New M200 version offers improved reach on 15 ft. (4.6 m) configurations enabling up to 10 ft. (3.5 m) more reach than previous models

Rescue Ready

- Equip the optional rescue mounting kit for a turnkey rescue plan or confined space retrieval device
- Rescue kits available for M100 & M200 models

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- Eliminates need for height-locking fasteners like pins and bolts
- Automatic safety lock engages to prevent uncontrolled mast movement if primary lifting mechanism fails

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- Rotating mast up to 360 degrees (most models)

- 3M™ Safety-Walk Slip Resistant walking surface (counterweight bases)

Increased Height

- Improved maximum height for 30 ft. (9.1 m) models enables up to 5 ft. (1.5 m) more vertical height versus previous models
- Semi-Fixed models come with 5 ft. (1.5 m) of height adjustment for maximum flexibility during field installations

- Removable counterweight box (counterweight bases) with built in fork pockets and lifting ring attachment points (sold separately)
- Integrated leveling bubbles (counterweight bases)

Powder Coated and Galvanized Components

- Extruded aluminum overhead horizontal rail for SRL trolley
- Stainless steel anchor trolley
- Dual by-passing rails (two user models)

- Open multi-directional base designed to accommodate a wide array of fork shapes and sizes
Easier Transport
Patent-pending weight distribution simplifies transport using 5,000 lb.-rated (2,268 kg) forklift for all counterweight models
Navigate indoor smooth surface spaces with optional caster wheel kit

M100 Systems
- Can be transported in one piece with a 5,000 lb. (2,268 kg) forklift

M100 System weights:
- Complete System 4,995 lbs. (2,266 kg)
- System Without Counterweight 1,900 lbs. (861 kg)
- Counterweight Box Alone 3,095 lbs. (1,404 kg)

Important:
Counterweights must be installed prior to use. They shall only be removed for transport.

M200 Systems
- Can be transported in one piece with a large lift
OR
- Separated into individual components and transported with a 5,000 lb. (2,268 kg) forklift

M200 System weights:
- Complete System 12,668 lbs. (5,746 kg)
- System Without Counterweight 2,668 lbs. (1,210 kg)
- Counterweight Box Alone 5,000 lbs. (2,268 kg) each

System weight with counterweights removed = 2,668 lbs. (1,210 kg)

Counterweight box alone = 5,000 lbs. (2,268 kg) (two boxes total)
Enhanced Safety Working Area

- Extended rail-lengths increase safe working area coverage
- Reduces risk of potential swing fall hazards—worker and safety manager can visually verify the straight vertical boundary
- Simplifies fall clearance requirements

Dual User Rated
Select M200 Models Only

- Helps increase worksite efficiency and safety for multiple workers
- Provides additional working coverage compared to previous 3M models
- Dual user systems contain two independent by-passing horizontal rails rated for one worker each
1. Choose from 7 interchangeable mast options.

Adjustable Height, Single User Masts
10–15 ft. (3–4.6 m)  8530874
12.5–20 ft. (3.8–6.1 m)  8530875
15–25 ft. (4.6–7.6 m)  8530876
17.5–30 ft. (5.3–9.1 m)  8530877

Adjustable height masts are adjusted easily using the integrated hand crank winch, or by using a power drill with the optional overload clutch accessory equipped.

Semi-Fixed Height, Single User Masts
15–20 ft. (4.6–6 m)  8530882
20–25 ft. (6–7.6 m)  8530883
25–30 ft. (7.6–9.1 m)  8530884

Semi-fixed masts offer a small amount (5 ft. or 1.5 m) of adjustment to optimize the anchor height during installation.

2. Choose from 5 interchangeable base options.

Portable Counterweight Base*
With concrete fill 8530870
Without concrete 8530869

Floor Mounted Base 8530871
Flush Mounted Base 8530872
Outrigger Base 8530873

*Portable Counterweight Base includes leveling jacks

3. Choose your accessories.

Confined Space & Rescue Pulley Kit 8530885
Enables a rescue device to be mounted to the system. Includes mounting brackets and re-direct pulleys. Rescue devices sold separately.

Smooth Surface Caster Kit 8530908
Allows counterweight base systems to be maneuvered into tight spaces on smooth surfaces.

Forklift Pocket Mast Transport Kit 8530911
Allows mast to be separated from the base and transported vertically using a forklift.

Overload Clutch 8512936
Required to raise and lower adjustable masts with a power drill. (Drill not included)

Counterweight Box Lifting Ring Kit 8530914
Allows counterweight box to be moved with overhead lifting equipment. Includes two rings per kit. One kit needed per counterweight system.
M200 Modular Jib Systems

<table>
<thead>
<tr>
<th>Model</th>
<th>Total System Weight</th>
<th>Max. Component Weight</th>
<th>Offset/Reach (A)</th>
<th>Height (B)</th>
<th>Mast Rotation Range</th>
<th>Number of Users</th>
<th>SRL Maximum Arresting Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200</td>
<td>12,668 lbs. (5,746 kg)</td>
<td>5,000 lbs. (2,268 kg)</td>
<td>15 ft. (4.6 m) Single User Models</td>
<td>Up to 30 ft. (9.1 m)</td>
<td>360° for all bases.</td>
<td>1 or 2 depending on model.</td>
<td>1,350 lbs. (6 kN)</td>
</tr>
</tbody>
</table>

1. Choose from 14 interchangeable mast options.

- **Semi-Fixed Height, Single User Masts**
  - 15–20 ft. (4.6–6 m) 8530899
  - 20–25 ft. (6–7.6 m) 8530900
  - 25–30 ft. (7.6–9.1 m) 8530901

- **Adjustable Height, Single User Masts**
  - 12.3–15 ft. (3.8–4.6 m) 8530891
  - 14.8–20 ft. (4.5–6.1 m) 8530892
  - 17.3–25 ft. (5.3–7.6 m) 8530893
  - 19.8–30 ft. (6–9.1 m) 8530894

- **Semi-Fixed Height, Dual User Masts**
  - 15–20 ft. (4.6–6 m) 8530902
  - 20–25 ft. (6–7.6 m) 8530903
  - 25–30 ft. (7.6–9.1 m) 8530904

- **Adjustable Height, Dual User Masts**
  - 12.3–15 ft. (3.8–4.6 m) 8530895
  - 14.8–20 ft. (4.5–6.1 m) 8530896
  - 17.3–25 ft. (5.3–7.6 m) 8530897
  - 19.8–30 ft. (6–9.1 m) 8530898

2. Choose from 4 interchangeable base options.

- **Portable Counterweight Base**
  - With concrete fill 8530887
  - Without concrete 8530886

- **Permanent Floor Mounted Base** 8530888

- **Permanent Flush Mounted Base** 8530889

3. Choose your accessories.

- **Confined Space & Rescue Pulley Kit** 8530905
  Enables a rescue device to be mounted to the system. Includes mounting brackets and re-direct pulleys. Rescue devices sold separately.

- **Jack Stabilizing Kit** 8530907
  Designed to stabilize and level counterweight base systems on slightly uneven surfaces.

- **Smooth Surface Caster Kit** 8530908
  Allows counterweight base systems to be maneuvered into tight spaces on smooth surfaces.

- **Forklift Pocket Mast Transport Kit** 8530912
  Allows mast to be separated from the base and transported vertically using a forklift.

- **Overload Clutch** 8512936
  Required to raise and lower adjustable masts with a power drill. (Drill not included)

- **Counterweight Box Lifting Ring Kit** 8530777
  Allows counterweight box to be moved with overhead lifting equipment. Includes four rings per kit. One kit needed per counterweight system.