



# MOBI-LOK™ SELF-CONTAINED VACUUM ANCHOR SYSTEMS



A CAPITAL SAFETY BRAND

**Intrinsically Safe • Anti-Scuffing**  
**Skydrol Resistant • Fall Arrest Rated**  
**Lightweight • Portable • Multi-purpose • Non-penetrating**

AVIATION

# Mobi-Lok™ 4

TWIN-LINE SYSTEM

FOR ADDED FLEXIBILITY



## Mobi-Lok™ 4

The Mobi-Lok™ 4 system is a twin-line horizontal lifeline system designed for use on aircraft wing and fuselage during manufacture and maintenance for up to 4 simultaneous workers. Specifically designed for, and in conjunction with the Aviation industry this system is as versatile as it is easy to use.

With twin-lines of web, the system is adjustable to suit any length of wing, from the smallest jet to the largest Superliners. Allowing 2 workers per line and with by-passable intermediates, specially designed adjustable lanyards and harness, the Mobi-Lok™ 4 system allows fall arrest safety for workers along the entire length of the wing without the need to detach.

Installation is quick and simple, with inbuilt tension indicator to increase accuracy and safety and can be run from either shop air or stand-alone units. The web used is highly resistant to abrasion, is non-metallic to prevent any damage to the aircraft surface during installation, and is stored on reels to allow for rapid installation and break-down. It has been thoroughly and successfully tested to all required standards after prolonged exposure to chemicals used in aviation.

### 100' (30m) Mobi-Lok 4 System – **2200180**

System Components:

- 2-End anchors and tensioners
- 2-Spool assemblies 100' (30m) web
- 3-Intermediate assemblies
- 5-Pads and bottles
- 1-Installation standard Mobi-Lok and bottle

Personal Protective Equipment Includes:

- 1-Installation lanyard
- 4-Adjustable work lanyards and shuttles



### 150' (45m) Mobi-Lok 4 System – **2200181**

System Components:

- 2-End anchors and tensioners
- 2-Spool assemblies 100' (30m) web
- 6-Intermediate assemblies
- 8-Pads and bottles
- 1-Installation standard Mobi-Lok and bottle

Personal Protective Equipment Includes:

- 1-Installation lanyard
- 4-Adjustable work lanyards and shuttles



# SAFETY.

ONE CHOICE THAT'S  
NEVER OPTIONAL.

## FALL ARREST VS. FALL RESTRAINT.

A Fall Restraint System is like a leash. It restricts its wearer from reaching a point where a fall could occur. In doing so, it also often restricts them from reaching a point where their work could occur. Unlike a Fall Restraint System, a Fall Arrest System can withstand the force of a fallen worker. So workers have all the access and freedom of movement they want, without compromising the safety they need. ALL our Vacuum Anchor Systems are Fall Arrest Rated and approved.

## LESS WORK. MORE PRODUCTIVITY.

By eliminating the need to drill or weld, our Vacuum Anchor Systems decrease downtime and effort, and increase productivity. Your crew is never more than a few seconds away from having a secure anchor to hook to so they can work quickly and safely.

## LIGHTWEIGHT DESIGN. INCREASED MOBILITY.

New lightweight design makes the Mobi-Lok™ SCVA easy to transport and use. The new unit is 36% lighter, weighing in at just 19.9 lbs. (9.0 kg) and can be taken to the tarmac or holding area for routine maintenance and safety checks.

## WORLDWIDE COMPLIANCE.

All our Vacuum Anchor Systems are OSHA, CE and AS/NZS compliant, and are independently tested and approved for Fall Arrest applications.

## FAIL-SAFE AND FOOLPROOF.

All our Vacuum Anchors feature fail-safe back-up systems with audio alarms and a vacuum level indicator for absolute safety and security.

## NO SCRATCHES. NO DENTS. NO KIDDING.

Our Vacuum Anchors feature soft, EPDM rubber seals which enable them to fasten safely and securely without damaging the work surface leaving no residue.

## APPROVED FOR HORIZONTAL LIFELINE USE.

Create a continuous anchor point for added safety and mobility by simply connecting a horizontal lifeline between two or more Vacuum Anchor Pads. Two person capacity.





# INNOVATIVE. PORTABLE. SAFE.



## SELF-CONTAINED VACUUM ANCHOR SYSTEM (SCVA) (SHOP AIR POWERED)

Our Shop Air-Powered System is compact and lightweight. Its one-piece design makes it quick and easy to set up and use. Can power one additional Secondary Pad.

Components:

SCVA Assembly – **2200107**

Secondary Pad Assembly (Optional) – **2200109**

Secondary Pad Hose (Optional) – 50 ft. (15 m) – **2200048**

Aviation HLL Kit (Includes Secondary Pad, 40' HLL, and Secondary Pad 50' Hose) – **2200123**

Carry Case Included



### Specifications

- Main Support Assembly: Anodized Aluminum
- Vacuum Seal Pad Material: EPDM
- Electronics: 4 AA lithium batteries
- Shop Air Requirements: 80 – 150 psi
- Dimensions: 22" x 22" x 6" (55 cm x 55 cm x 15 cm)

- System Weight: 17.4 lbs. (7.8 kg)
- Capacity: 310 lbs. (140 kg); One person
- Surface Temperature Range: -20°F – 140°F (-29°C – 60°C)
- Minimum Vacuum Anchor Static Capacity: 3,375 lbs. (15 kN)

## SELF-CONTAINED VACUUM ANCHOR SYSTEM (SCVA) (COMPRESSED GAS BOTTLE POWERED)

Our most portable, user-friendly Vacuum Anchor System. Designed for basic, one-person use, this system is completely self-contained. No separate pumps, vacuum hoses or other components. It can be powered up quickly and easily with a single, on-board 48-cubic inch compressed gas bottle or a large capacity detached bottle, or shop air. Can power one additional Secondary Pad.

Components:

SCVA Assembly With On Board Bottle Attachment – **2200108**

Compressed Gas Cylinder – **2200078**

Aviation Kit (Includes SCVA Assembly and Bottle) – **2200122**

Secondary Pad Assembly (Optional) – **2200109**

Secondary Pad Hose (Optional) – 50 ft. (15 m) – **2200048**

Aviation HLL Kit (Includes Secondary Pad, 40' HLL, and Secondary Pad 50' Hose) – **2200123**

Carry Case Included

Bottle Sold Separately

### Specifications

- Main Support Assembly: Anodized Aluminum
- Vacuum Seal Pad Material: EPDM
- Electronics: 4 AA lithium batteries
- On-Board Compressed Gas Bottle Requirements: 3,000 psi, 48 cubic inch
- Dimensions: 22" x 22" x 6" (55 cm x 55 cm x 15 cm)
- System Weight: 19.9 lbs. (9.0 kg)
- Capacity: 310 lbs. (140 kg); One person
- Surface Temperature Range: -20°F – 140°F (-29°C – 60°C)
- Minimum Vacuum Anchor Static Capacity: 3,375 lbs. (15 kN)





## AVIATION APPROVED AND TESTED

Easy to use carrying handle

Quick, easy-to-read labeling

Fail-safe backup system with audio alarm

Secure anchor point

Visual vacuum level indicator

Shop air quick-connect

Aviation Rated

Aviation Rated-electronics are intrinsically safe

Optional bottle attachment provides increased portability

EPDM rubber seal is Skydrol resistant, it won't breakdown and will last in a harsh environment leaving no residue

Pad conforms to fuselage as small as 5' in diameter

3,000 psi (20 MPa)

INSPECTION

WARNING

WARNING

WARNING

SALA

MOBI-LOK™

Self Contained Vacuum Anchor

ATTACH

RELEASE

## ACCESSORIES

Sayline™ Horizontal Lifeline –  
40 ft. (12 m) – **2200400**

Simply connect between two or more pads to create a continuous anchor point so workers can move about more freely. Two person capacity.



Fill Station – **2200086**

This fill adapter allows you to fill the SCVA air bottle from a bulk nitrogen or compressed air cylinder.



Delta™ II Hi-Vis  
Work Vest – **1107404**

High-visibility orange work vest made of reflective material. Meets Class 2 visibility requirements. Features tongue-buckle leg straps and back D-Ring. Suitable for use with ALL DBI-SALA Vacuum Anchor Systems.

Secondary Pad  
Assembly – **2200109**

For use with SCVA Systems. Conforms down to 30 in. (76 cm) radius. Ideal for horizontal lifeline applications.



Secondary Pad Hose Assembly –  
50 ft. (15 m) – **2200048**

Necessary for connecting Secondary Pads to Self-Contained Vacuum Anchor Systems.



Stanchions End Unit – **2200034**

Used to elevate horizontal line off the work surface to reduce clutter and help avoid entanglement.

ExoFit™ XP Full Body  
Harness – **1110102**

The most comfortable and user-friendly harness ever built. Features quick-connect buckles, removable, washable padding, moisture-wicking 3-D mesh and a spring-loaded dorsal D-ring with impact indicator. Suitable for use with ALL DBI-SALA Vacuum Anchor Systems.



Force2™ Lanyard – **1245013**

Designed for use when there is no overhead anchorage and the only option is to tie off at feet. The Force 2™ is the ONLY lanyard available that can withstand a 12 ft. (3.6 m) free-fall and keep forces below OSHA's limits when tying off at feet. Features 1" (25 mm) polyester web, self-locking snap hook on one end and choker loop on the other. Suitable for use with ALL DBI-SALA Vacuum Anchor Systems.



**ENGINEERED SYSTEM SOLUTIONS: DBI-SALA's Adjustable Free-Standing Ladder Access Systems and Horizontal Rail Systems offer easy access to elevated work areas and reliable fall protection where it's needed. Contact us today for details.**



## CONTACT US

For more information regarding any of our Vacuum Anchor Systems and accessories, or to schedule a demonstration, call:

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