



Mobi-Lok™ Self-Contained
Vacuum Anchor System



**Intrinsically safe.
Fall-arrest rated.**



Confidence to get the job done.

Whether you need a broken strobe replaced atop a jumbo jetliner, or it's simply time for routine maintenance, your workers should only have to focus on one thing: getting the job done right. The Mobi-Lok™ Self-Contained Vacuum Anchor (SCVA) system allows your workers to conveniently anchor to virtually any smooth, non-porous surface—enabling them to work where they need to without compromising their fall protection safety.

Freedom to work.

A worker connected to a Mobi-Lok system can move about freely and confidently without compromising safety. It's engineered and rated for fall arrest applications (up to 310 lbs. max), but it can also be used in a fall restraint application to maximize versatility.

Connections in seconds.

The Mobi-Lok system eliminates the need to drill or weld to create a secure anchor point. Instead, your crew can get connected with minimal effort in just a few seconds—improving productivity and reducing downtime.

Completely mobile.

At just 19.9 lbs (9.0 kg), the Mobi-Lok system is both easy to use and easy to transport between the tarmac and the holding area.

Globally compliant.

Every Mobi-Lok model is OSHA, CE and AS/NZS compliant and is independently tested and approved for fall arrest applications when operated according to provided instructions.

Comprehensive backup system.

To enhance worker safety, the Mobi-Lok system features a comprehensive backup system. If the compressed air source is lost, a persistent audio alarm and vacuum level indicator alert the worker while check valves maintain the vacuum seal.

Surface friendly.

The Mobi-Lok aviation model features a soft EPDM rubber seal that resists Skydrol®, so it attaches securely without damaging the surface of the airplane.

Horizontal lifeline-ready.

Two Mobi-Lok units can be connected using a horizontal lifeline (HLL) to create a continuous anchor point for up to two people.



An anchor where you need it. Powered the way you want it.

There are two versions of the Mobi-Lok™ Self-Contained Vacuum Anchor system: one powered only by a shop air line and one powered by either shop air or a single detachable cylinder of compressed gas.

Components:	Aviation	General Industry
Mobi-Lok SCVA Assembly (Shop air powered)	2200107	2200094
Mobi-Lok SCVA Assembly With On Board Bottle Attachment (Shop air or gas powered)	2200108	2200095
Secondary Pad Assembly (Optional)	2200109	2200096
Secondary Pad Hose (Optional) – 50' (15 m)	2200048	
Aviation HLL Kit (Includes Secondary Pad, 40' HLL, and Secondary Pad 50' Hose)	2200123	—
80' (24 m) 2-person HLL system	2200401	—
100' (30 m) 4-person HLL system	2200180	—
150' (45 m) 4-person HLL system	2200181	—
Compressed Gas Cylinder (Bottle sold separately)	2200078	
Aviation Kit (Includes Mobi-Lok SCVA Assembly and Bottle)	2200122	—
Carry Case Included	✓	



Mobi-Lok Shop air/gas powered

Compressed gas cylinder



Carry case

Specifications:	Shop Air Powered	Shop Air/Gas Powered
Main Support Assembly	Anodized Aluminum	
Vacuum Seal Pad Material - Aviation	EPDM	
Vacuum Seal Pad Material - General Industry	Polybutadiene	
Electronics	4 AA lithium batteries	
Shop Air Requirements	80 – 150 psi	
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	17.4 lbs. (7.8 kg)	19.9 lbs. (9.0 kg)
Capacity	310 lbs. (140 kg); One person	
Surface Temperature Range	-20°F – 140°F (-29°C – 60°C)	
Vacuum Anchor Static Capacity	3,375 lbs. (15 kN)	



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	Aviation	General Industry
Standard Unit for Fall Arrest/Restraint	2200108 or 2200107	2200095 or 2200094
40' (12 m) HLL system	2200108+2200123 or 2200107+2200123	2200095+2200124 or 2200094+22000124
80' (24 m) HLL system	2200108*2+2200401+2200109 +2200130 or 2200107*2+2200401 +2200109+2200130	2200095*2+2200401+2200096 +2200130 or 2200094*2+2200401 +2200096+2200130

Recommended lanyard is 1246170

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