

Electrically Insulated Series

MLE has developed insulated lifts for the energy transmission market, we offer Electrically Insulated ManLifts for your fleet and client base. We take **Standard Product Manufacturers** aerial base machine and develop the required lift for electrical transmission applications. This is frequently the most economical option and also allows some familiarity and commonality with existing OEM product lines.

Electrically Insulated lifts are used where the potential of electrical shock may occur such as working on any type of electrical wiring. These can be utilized where **Bucket Trucks** are currently used but provide the capability of driving when the bucket is elevated and can be moved more easily around plants and construction sites. Typical markets include the following:

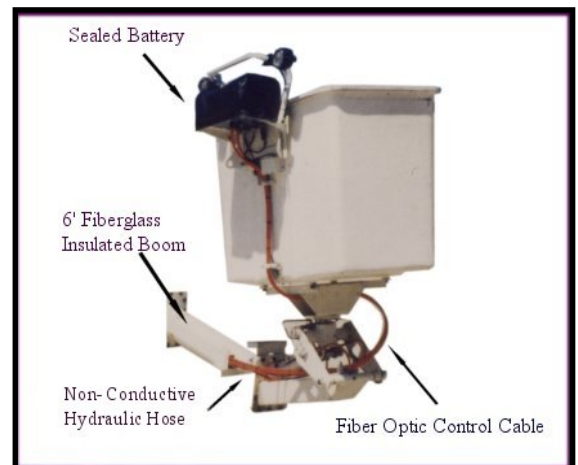
- Plant Maintenance
- Tree Trimming
- Electrical Power Stations
- Electrical Utilities
- Construction & Electrical Contractors

These lifts are designed per ANSI A92.2 Category C, 46kV Rated. 69kV, 230kV, 500kV voltage ratings are available. Models available are as follows:

Models	Platform HEIGHT	46KV	69KV	230KV	345KV	500KV
450AJi	45' 13.7m	X	X			
460SJi	46' 7.4m	X	X			
600SJi	60' 18.3m	X	X			
660SJi	66' 20m	X	X			
600AJi	58' 17.6m	X	X			
740AJi	74' 22.5m	X	X			
800AJi	60' 18.3m			X	X	X
860SJi	86' 26.2m	X	X			
1250AJi	100' 30m			X	X	X

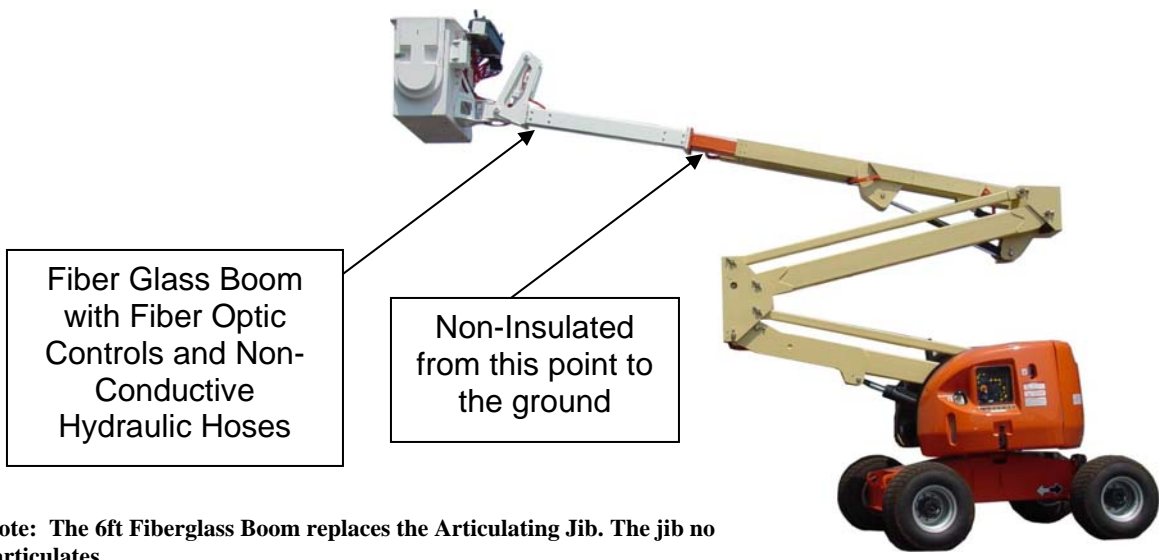
FEATURES:

Fiber Optics Control Cable to reduce ground fault
Radio Control Operation is Unreliable.



MLE
MAN & MATERIAL LIFT ENGINEERING

5707 S. Pennsylvania Avenue
Cudahy, WI 53110
Phone: 414-486-1760
Fax: 414-486-1763
www.manliftengineering.com
sales@manliftengineering.com



Please Note: The 6ft Fiberglass Boom replaces the Articulating Jib. The jib no longer articulates.

FIBER OPTIC CONTROL OPERATION

The fiber optic controls consist of an upper control interface module located in the platform control box. Four fiber optic cables are connected to the upper control interface module.

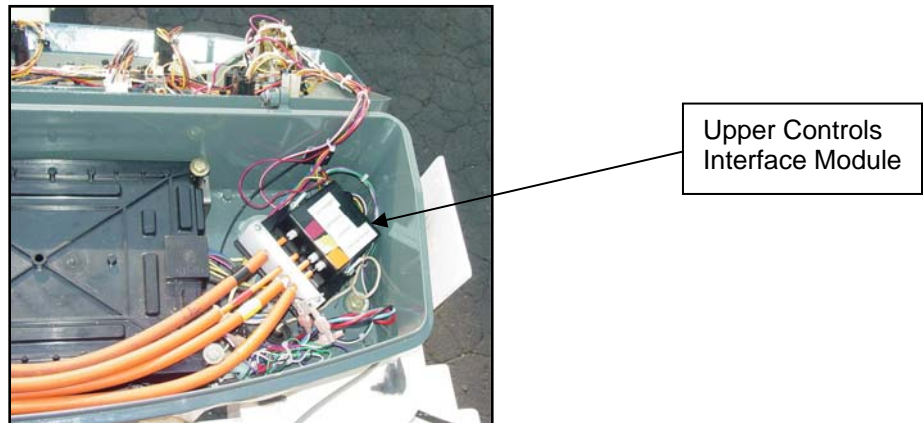


Figure 1 Upper Controls Interface Module

Additionally, the lower control interface module located in the ground control box. The four fiber optic cables are also connected to the lower control interface module.

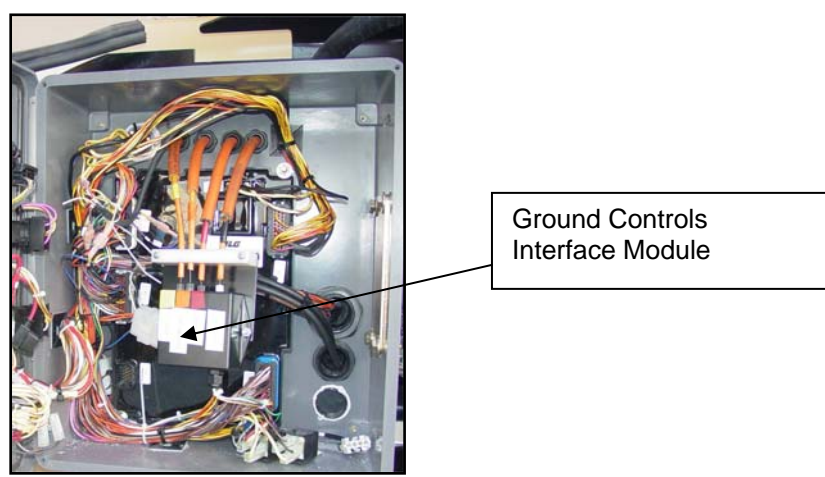


Figure 2 Ground Controls Interface Module

Please note: All aerial equipment is tested and certified by a third party. Any tampering will cause equipment to lose certification.



5707 S. Pennsylvania Avenue
 Cudahy, WI 53110
 Phone: 414-486-1760
 Fax: 414-486-1763
www.manliftengineering.com
sales@manliftengineering.com