

## Boom Mounted Auxiliary Arm - Square Mast

### Features & Applications

- 4" x 4" mast is fitted with quick mounting assembly
- Assembly attaches to booms from 5-7/8" x 7-3/8" to 12" x 12", both square and rectangular
- Working end of mast will accept several accessories such as:
  - Epoxiglas® Auxiliary Arm
  - Single lifting wire holder
  - Sheave for gin work
- Auxiliary Arm may be swiveled to and locked into any desired position
- Single lifting wire holder may also be swiveled to maintain conductor alignment
- Gin sheave will not swivel and is pinned stationary to keep the plane of the sheave in the vertical position at all times
- For use above 15kV, add M48057 insulator to each wireholder; see Page 4158

Catalog No.	Description	Weight
C4000744	Mast Assy., 10' Arm & Braces for Booms 5 7/8" x 7 3/8" to 12" x 12"	130 lb./ 58.5 kg.
C4000745	Mast Assembly without Arm	90 lb./ 41 kg.
C4000746	Rope Sheave Assembly	8 lb./ 3.6 kg.
C4000747	Single Wire Holder	13 lb./ 5.9 kg.
C4001469	9"-dia. Boom Adapter (Altec)	40 lb./ 18 kg.
C4001877	8"-dia. Boom Adapter (Altec)	40 lb./ 18 kg.

### Mechanical Ratings:

Max. Total Load:

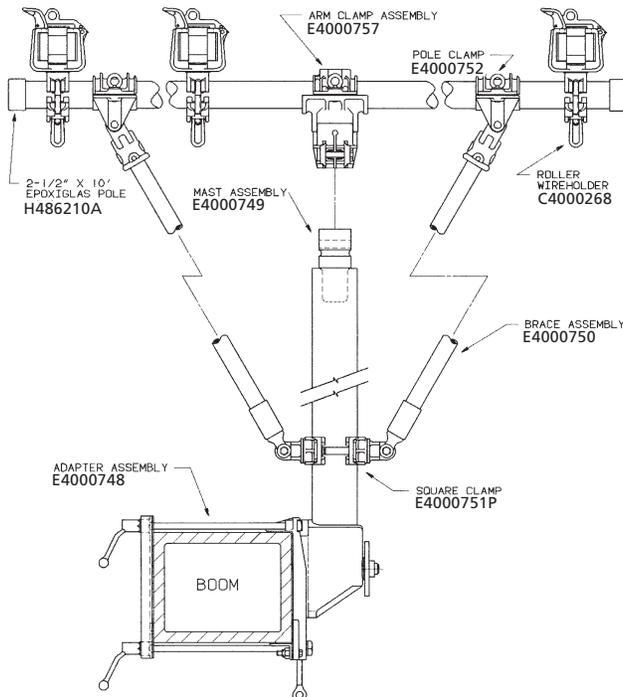
- Balanced Vertical Load: 1000 lb.
- Unbalanced Vertical Load: 800 lb.

Rated working load (per wire holder):

- Vertical with braces: 200 lb.
- Vertical without braces: 150 lb.
- Side Load: 100 lb.



**C4000747**  
Wireholder



### Electrical Ratings:

- GLOSSY, CLEAN AND DRY Epoxiglas®
- 15kV Phase to Phase (20 Inch Min. Wireholder Spacing)
- 34kV Phase to Phase (20 Inch Min. Wireholder Spacing and M4805-7 Insulators are used on each wireholder)



**OPTIONAL ADAPTER**  
for Round Booms, see pages 4164 & 4165



The single lifting wire holder may be rotated for alignment with the conductor.



**C4000746 Sheave**  
The sheave will take a 3/4-inch diameter rope.



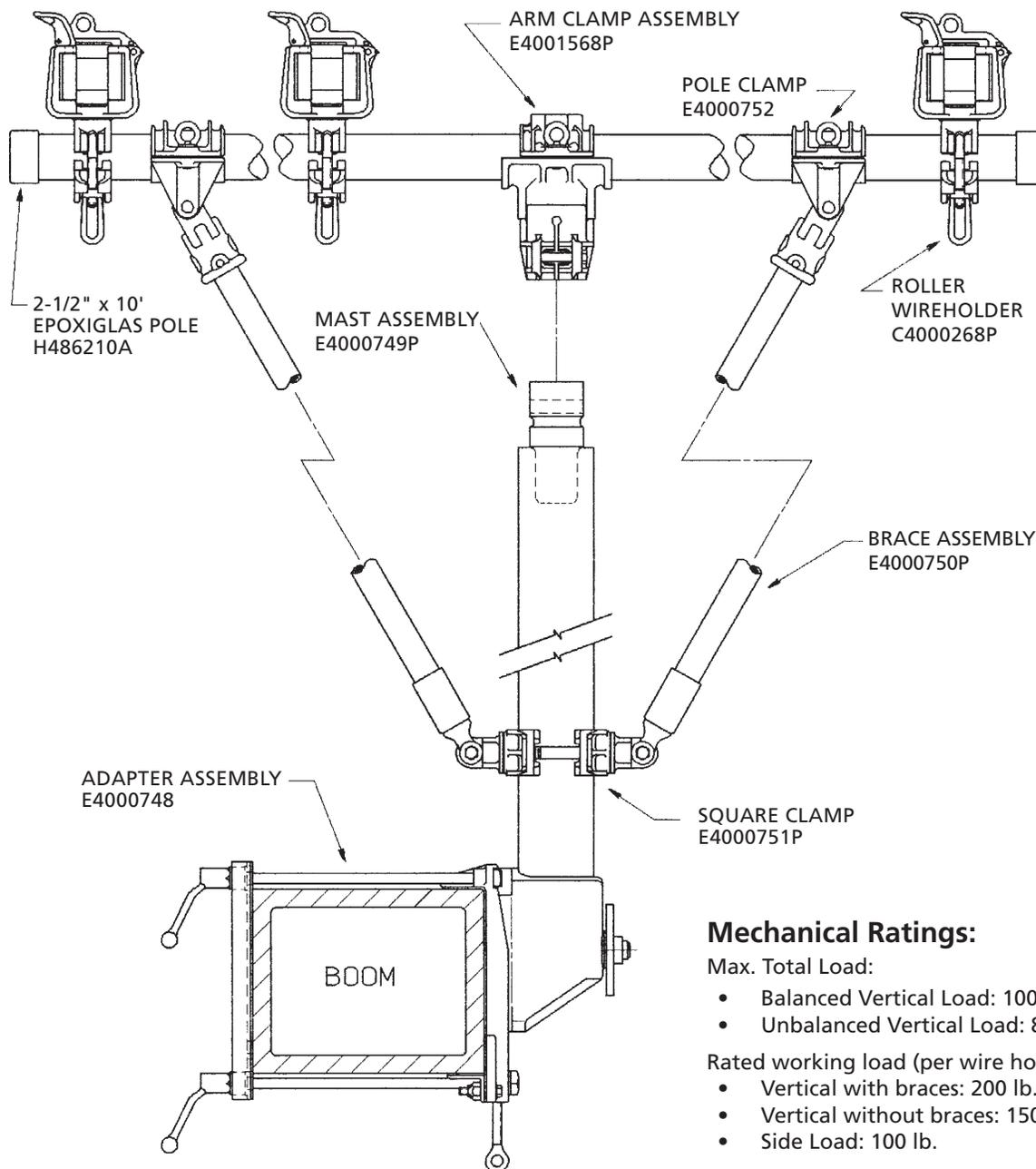
For three phase applications. The auxiliary arm may be rotated to align the wire holders with the conductors, then locked in position.



Easy mounting with our two intermeshing castings with single pivot stud.



# C4000744: Three-Phase Boom Assembly (for Square Booms 5" x 7" to 12" x 12") with Orange Epoxiglas<sup>®</sup> Crossarm



### Mechanical Ratings:

Max. Total Load:

- Balanced Vertical Load: 1000 lb.
- Unbalanced Vertical Load: 800 lb.

Rated working load (per wire holder):

- Vertical with braces: 200 lb.
- Vertical without braces: 150 lb.
- Side Load: 100 lb.

### Electrical Ratings:

GLOSSY, CLEAN AND DRY Epoxiglas<sup>®</sup>  
15kV Phase to Phase (20 Inch Min. Wireholder Spacing)  
34kV Phase to Phase (20 Inch Min. Wireholder Spacing and M4805-7 Insulators are used on each wireholder)