

The TLL-500A-S3 is an insulated crane/digger derrick attachment used to support up to three energized lines.

### The TLL-500A-S3

- Maximum capacity of 500 pounds (227 kg) per phase for a total capacity of 1500 pounds (680 kg).
- Faster set up time.
- Radio remote provides the crew in the bucket with complete control of the unit's functions and avoids having to relay desired movements to ground personnel working the controls.
- Ability to capture phases and neutrals/statics with the same boom truck/digger derrick. Reducing the equipment needed at a job site and further eliminates shutdown of sub-transmission lines for maintenance.
- One base unit can fit multiple boom truck/digger derrick models with additional adapters and load charts.



### FEATURES

- Hydraulic articulation, extension & retraction
- Quick attach insulators & wire holders
- Insulators are dielectrically lab tested
- Operation, Maintenance and Parts manual included
- Custom range diagrams for your boom truck/digger derrick model(s)
- Vertical and horizontal line construction
- High strength steel fabrication
- Holding valves on all cylinders
- Manual override control valves
- Handheld radio remote control



### Transportation Skid

- Fork pockets
- Compartments for:
  - Insulators, wire holders & pins
- 4 corner jacks to level skid to boom truck/digger derrick
- Lift rigging and tie down points



### Hydraulic Power Unit

- 2,600 psi (17926 kPa) and 4 gpm (15 l/min)
- Gasoline engine 7.5HP (5593 watt)/ electric start

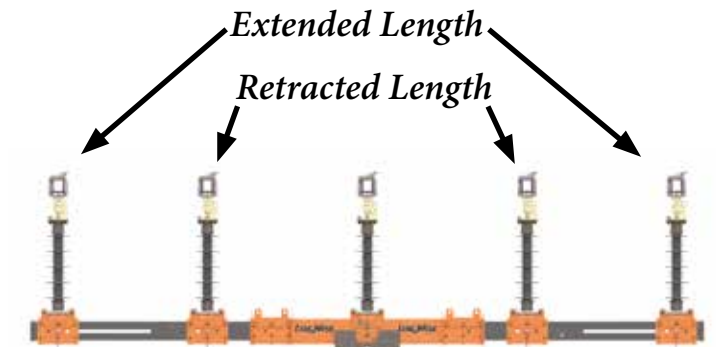
### SPECIFICATIONS

Voltage (#) Phases	Capacity per position
34.5 kV (3) phases	500 lb (227 kg)/1500 (680 kg) total
72.5 kV (3) phases	500 lb (227 kg)/1500 (680 kg) total
Total unit weight (Approx.)	
TLL-500A-S3 with skid	2075 lb (941 kg)
TLL-500A-S3 w/o skid	1155 lb (524 kg)
Max. Phase Spacing	
Outside to Outside	16' (4877 mm)
Center to Outside	8' (2438 mm)
Min. Phase Spacing	
Outside to Outside	7' 10" (2388 mm)
Center to Outside	3' 11" (1194 mm)
Horizontal Configuration	500 lb (227 kg)
Max Load per Position	300 lb (136 kg) on Altec Digger
Vertical Configuration	500 lb (227 kg)
Max Load per Position	300 lb (136 kg) on Altec Digger
Insulator Type	Polymer
Hydraulic Articulation	Yes, 3 functions
Crane Size Needed	Boom Truck or Digger Derrick

### CONFIGURATIONS



Vertical Configuration



Extended Length

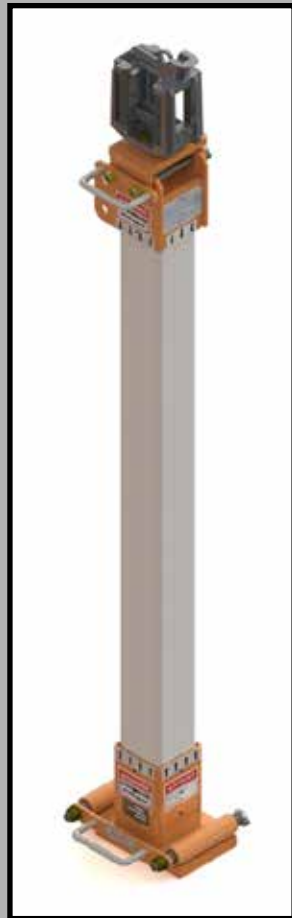
Retracted Length



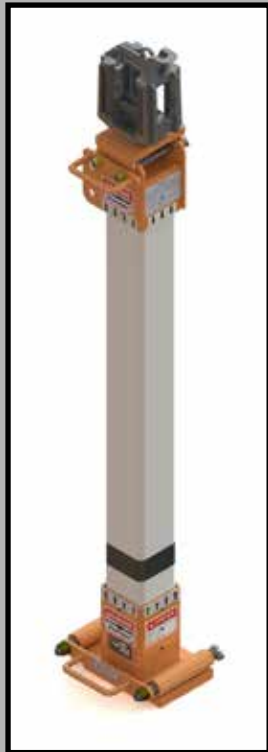
Horizontal Configuration

# OPTIONS

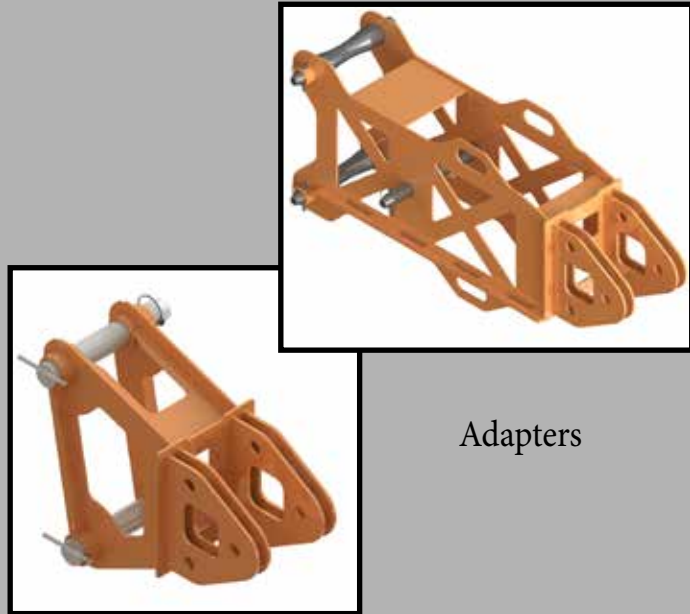
- Adapter to use with different crane
- Product operational by hydraulics on boom truck/digger derrick or with a separate hydraulic power unit (HPU)
- 34.5kV/72.5kV Sealed Fiberglass Insulators
- Fully covered skid
- Field installation and training with every unit



Fiberglass Insulators



Polymer Insulators



Adapters



**LINEWISE**

Triple Line Lifter-500A-Series 3

**INSPIRED,  
TESTED,  
AND TRUSTED  
BY LINEWORKERS**



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