

The TLL-500 is an energized conductor supporting tool that helps to create work clearances for lines up to 72.5kV.

The TLL-500

- Maximum capacity of 500 pounds per phase for a total capacity of 1500 pounds.
- Tangent loading of 500 pounds per phase.
- Faster set up time.
- Replaces the need for temporary structures and tag lines while giving positive control of distribution live lines.
- Ability to capture phases and neutrals/statics with the same crane/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 crane/digger derrick models with additional adapters and load charts.



FEATURES

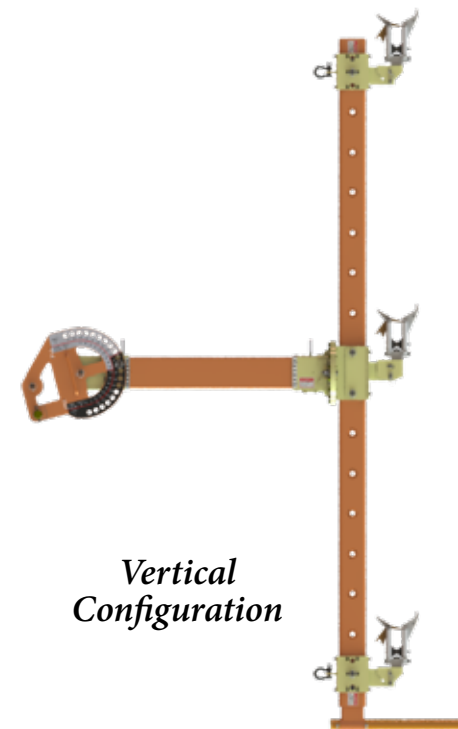
- More capacity, features and degrees of movement than the standard Auxiliary Arm
- Crossarm can be offset to one end (Alley Arm)
- Operation, Maintenance and Parts manual included
- Vertical and horizontal line construction
- High strength steel fabrication
- Positive lock every 15° of horizontal rotation, relative to crossarm
- Conductor holder can be set at 3 inch increments
- Horizontal and vertical configurations are possible from 0° to 80° boom angle.
- Installed at ground level
- Crossarm end guard for added security
- Insulation
 - Primary = length of fiberglass mast
 - Phase to Phase = spacing of wire holders on fiberglass crossarm



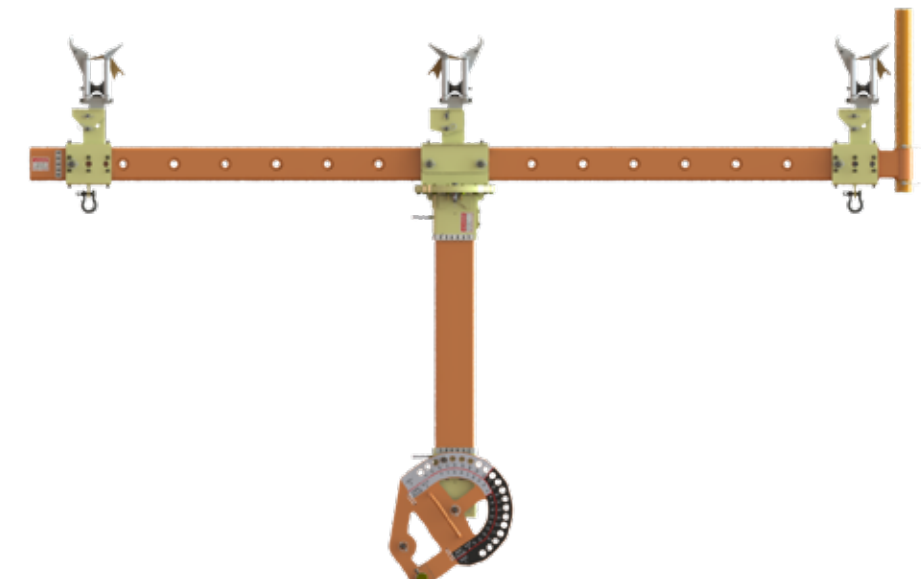
SPECIFICATIONS

Voltage (#) Phases up to 72.5kV (3) phases	Capacity per phase 500 lb (225 kg)/1500 (680 kg) total
Total unit weight (Approx.)	
9' crossarm with 1' mast	433 lb (196 kg)
9' crossarm with 3' mast	448 lb (203 kg)
12' crossarm with 1' mast	455 lb (206 kg)
12' crossarm with 3' mast	470 lb (213 kg)
Max. Phase Spacing	
9' crossarm	4.5' (1372 mm)
12' crossarm	6' (1829 mm)
Min. Phase Spacing	determined by min. phase to ground spacing for kV being worked
Max. Horiz. Load/Phase	
Terex	500 lb (225 kg)
Altec	300 lb (136 kg)
Max. Vertical Load/Phase	
Terex	500 lb (225 kg)
Altec	300 lb (136 kg)
Hydraulic	No
Mounting	Crane/Digger Derrick/Knuckle Boom

CONFIGURATIONS



Vertical Configuration



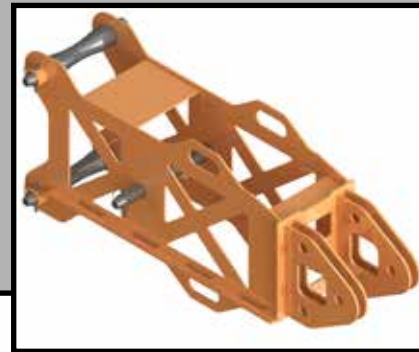
Horizontal Configuration

OPTIONS

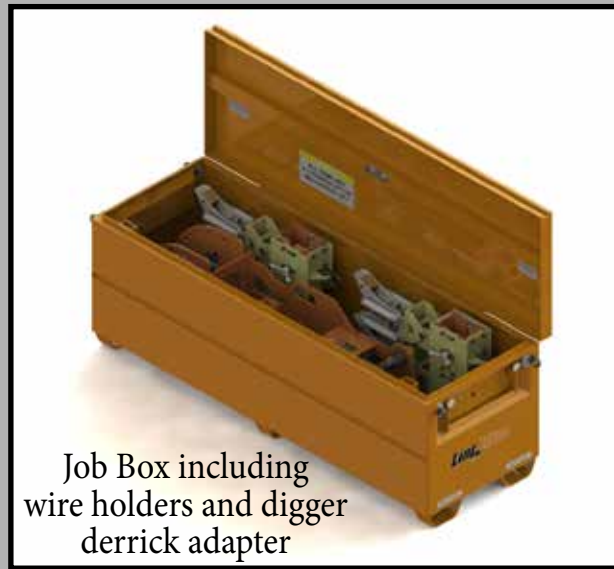
- Masts are available in lengths of 1' and 3'
- Crossarms are available in lengths of 9' and 12'
- 34.5kV/69kV sealed fiberglass insulators
- Job boxes available for 1' mast, wire holders and most adapters
- Custom aluminum case available for 9' and 12' crossarms



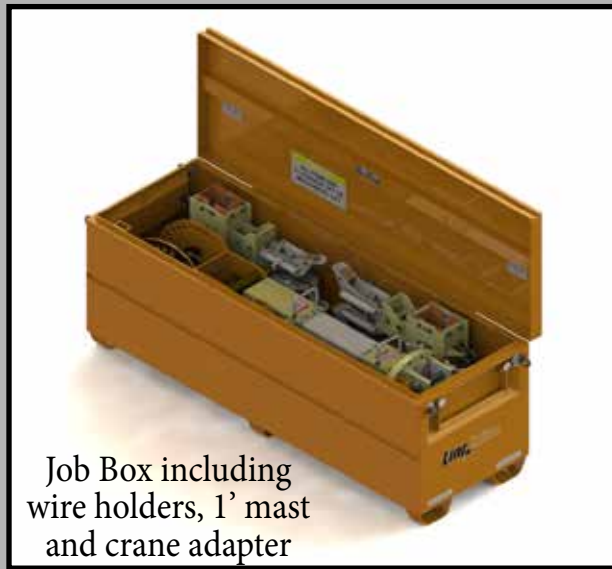
Custom aluminum case for crossarm



Adapter examples



Job Box including wire holders and digger derrick adapter



Job Box including wire holders, 1' mast and crane adapter



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