The IWP, an insulated work platform attachment, converts a new or existing hydraulic, telescoping crane and derrick to a Category A insulated aerial lift.

**The IWP:**
- Permits bare-hand work and de-energized line construction
- Minimizes lineman fatigue and the need to climb towers
- Reduces the need for ladders and hot sticks
- Requires minimal equipment set-up time
- Increases utilization of a crane and derrick
- Eliminates shutdown of transmission lines for maintenance
- Increases work capabilities compared to an elbow-style lift
- Allows access to difficult work with a 45° jib articulation.
- Increases job functions performed with a hydraulic, telescoping crane or derrick
- Can be purchased for a fraction of the cost of a dedicated, insulated aerial lift device.

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**Insulated Fiberglass Jib**
- Filament wound with computer controlled, continuous-roving epoxy/anhydride resin.
- Jib sealed from moisture and other contaminants to maintain insulation properties.
- Coating on fiberglass provides exterior durability, chemical resistance, UV protection and outstanding appearance.

**Jib Articulation:** Unique slot-link adapter at crane enables pinning at ground level and lifting into position.

**Bundle Lifter:** Can lift 2 conductors, up to 2500 lb each. Rotates 180°, and adjusts to jib angles from 35° to 80° in 5° increments. Can be replaced by a single conductor lifter with a capacity of up to 5000 lb.

**Insulated Jib:** By insulating a non-insulated, telescoping crane or derrick, the need to purchase a dedicated, insulated aerial lift to perform bare-hand maintenance work is eliminated.

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**Basket Controls:** Fully proportional radio controls provide operation of telescope, boom and rotation functions enabling the operator to better position the platform for the work being performed.

**Corona Ring:** The high performance, sharp-edge corona ring reduces current leakage and is rated to 500 or 765kV. Easily removable, protective jib and corona ring covers guard against damage during transport.

**Desiccant Canister:** Moisture in the sealed jib is detected in the desiccant canister and is visible from the ground when the IWP is working, stowed, covered or uncovered.

**Shoe:** Shoe allows jib to slide easily over the ground during set up.

**Radio Control System**
- Simultaneous operation of telescope, boom and rotation functions.
- Fully-proportional, state-of-the-art multiple controls.
- Speed selector on the platform controls provides operator a choice of “fast or slow” to match the application.
- LED displays in the control box provide self diagnostics and enhance serviceability.
- Programmable controls for precise and smooth operation when ramping up and down.

**Steel Man Basket**
- Rugged high strength-to-weight ratio.
- Easily installed/removed.
- Guards protect upper controls.
- Serviceable, self-lubricating bushings.
- Ground access for entering and loading.
- Quick attach for ease of installation.

**Current Leakage Monitor:** Continual monitoring of current leakage is provided while approaching, bonding onto and working on energized conductors.

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**LineWise**
Standard IWP Equipment

- Basket controls
- 500kV sharp-edge corona ring
- Test bands and shield
- Sealed fiberglass jib assembly
- Two-man, 36" x 72" basket
- 1,000 lb. capacity
- Boom-tip bonding strap
- Desiccant canister
- Current leakage monitor & reel
- Jib cover
- 30° Jib articulation
- Battery charger
- Factory installation
- High-capacity, caliper basket brake
- Side-stowing, insulated jib
- Operator and service training

Options

- 765kV
- Single-man basket
- Special man baskets
- 900-1,200 lb. rotating basket
- 45° Jib articulation
- Bundle lifter

Installation and Training

- IWP can be installed on most hydraulic, telescoping cranes or derricks
- Crane specifications are reviewed before all installations.
- Field or factory installation is provided.

Quality Assurance

- 500kV qualified
- Meets or exceeds all applicable portions of ANSI A92.2
- Every unit is EHV qualified by an independent testing laboratory

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