

# E-CAT TOWERS

## Equilibrium Communications Articulating Towers

Whether you need remote communications or reliable surveillance technology, e-CAT towers will rise to the occasion. These towers are ideal for those looking to reduce the cost of maintenance and mitigate risk. Our innovative articulation method enables a worker to lower the tower to ground level for maintenance and repairs utilizing only an 18v battery operated drill. "True Positive Stop" technology utilizes a non-hydraulic jackscrew during articulation allowing towers to be safely raised and lowered without reliance on gravity and without regard to wind conditions.

The Pillar "Full Penetration Connection" ensures long term reliability and offers an industry leading "tower-to-base" connection method. During standardized fatigue tests, the "Full Penetration Connection" lasted more than twice as long as the closest competition. Our e-CAT towers can handle winds up to 90mph, making them task ready for even the toughest of environments.

### SPECIFICATIONS

Model	Height	Wind Rating	Antenna EPA
eCAT 20	20'	90 mph	3 sq. ft.
eCAT 40	40'	90 mph	3 sq. ft.
eCAT 60	60'	90 mph	3 sq. ft.

#### Operator Safety & Ease of Use

- Eliminates the need for climbing maneuvers and boom-truck operations
- "True Positive Stop" (TPS) technology protects works while articulating
- Fully articulates utilizing an 18v battery-operated drill
- Operated by one worker
- Rapid installation; can mount to a Dixie precast foundation
- Pre-wired from the factory
- Single coaxial run does not require disconnection for articulation

#### Durability

- Hot dipped galvanization on both the tower and associated hardware
- "Full Penetration Connection" tower-to-base connection method
- Round tube design for better force dispersion
- Capable of handling wind loads of up to 90mph

#### Optional Features

- Locking tamper-resistant cover
- Hand-crank for tower articulation
- Custom made enclosures
- Varmint guard
- Antenna mount
- Variable height antenna mount
- Remote controlled articulation
- Full installation

