



# Motorized Tower Systems

## Safe and Easy Raising and Lowering Without a Crane

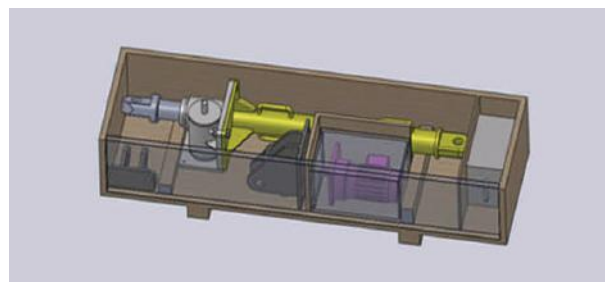
The ARE motorized system uses a small motor to raise and lower our monopole wind tower after it has been installed, without the need for a crew or crane. It's perfect for turbines that require regular maintenance or for coastal locations where severe weather is a concern. ARE's motorized system makes owning a wind turbine easy, affordable and safe.

- **Easy:** No hydraulics, crew or crane required (power source required)
- **Protects Turbine:** Lower for storms; no hydraulics or shock loading
- **Slow Raising:** Controlled and safe, with emergency shutoff system and hand crank backup
- **Versatile:** Multiple sizes and lengths to fit your pole's specifications
- **Great for Owners:** Lower tower yourself to prevent storm damage
- **Great for Installers:** Removable jack can be used at multiple sites

Specifications	
Capacity	For systems up to 998 kg (2,200 lb)
Height Capability	Up to 24 m (80 ft) for a 20 kW turbine
Motor	120 V or 240 V, 50 Hz or 60 Hz electric motor
Installation	Crane, forklift or boom truck
Raising Mechanism	Worm screw
Mounting	Mounts directly to pre-configured ARE towers
Packaging	Quality reusable crate
Warranty	Five Year

### Why ARE?

- Custom design and best-in-class engineering using the industry's most in-depth fatigue and frequency analysis
- American-owned manufacturing facility in Shanghai is ISO 9001 certified for quality assurance (local manufacture available)
- Products ship globally from world's lowest cost center for logistics
- American-grade GR 50/55/65 low-silicon steel ensures strength and durability
- American Welders Society (AWS) D1.1 and CSA W47.1 certified welders for best-in-class construction



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