



Patent Pending

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 Asia 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 certified welders for best-in-class construction

AFS 110
Assembled Foundation System

Low-Cost Tower and Concrete-Free Foundation for a Micro Turbine or Weather Station

The AFS 110 provides a versatile and low-cost system for micro-turbines and weather stations, with the option of portability. This lightweight tower is designed for simple raising and lowering, and allows for multiple ballast and anchoring options to meet a range of needs.

- **Versatile:** Portable or permanent installation
- **Kitted:** Tower, foundation, mount and raising equipment is included
- **Custom Design:** Engineering available for custom uses and loads
- **Value:** A low-cost tower built to exacting standards

Specifications	
Capacity	For wind turbines up to 600 W, depending on turbine specs
Height	9.2 m (30 ft)
Tower Assembly	Flanged or slip fit
Raising	Worm screw jack, hand operated
Mounting	Turbine-specific mounts available
Foundation	Legs included, ballast or anchors sourced locally
Ballast/Anchoring Requirement	Blocks, earth anchors, geo bag, or any combination 600 lb (272 kg) each for 3 legs; 1800 lb (817 kg) total
Survival Wind Speed	54 m/s (120 mph), 3-second gusts
Shipping	Single units up to container quantities
Warranty	Five Year
Extras & Options	Optional weather station kit measures wind speed and direction and solar insolation. Memory card and data logging included (no additional cost for 12 month software license - can be renewed)



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