



allweatherinc

30' Fold-Over Tower 8518 Series

Overview

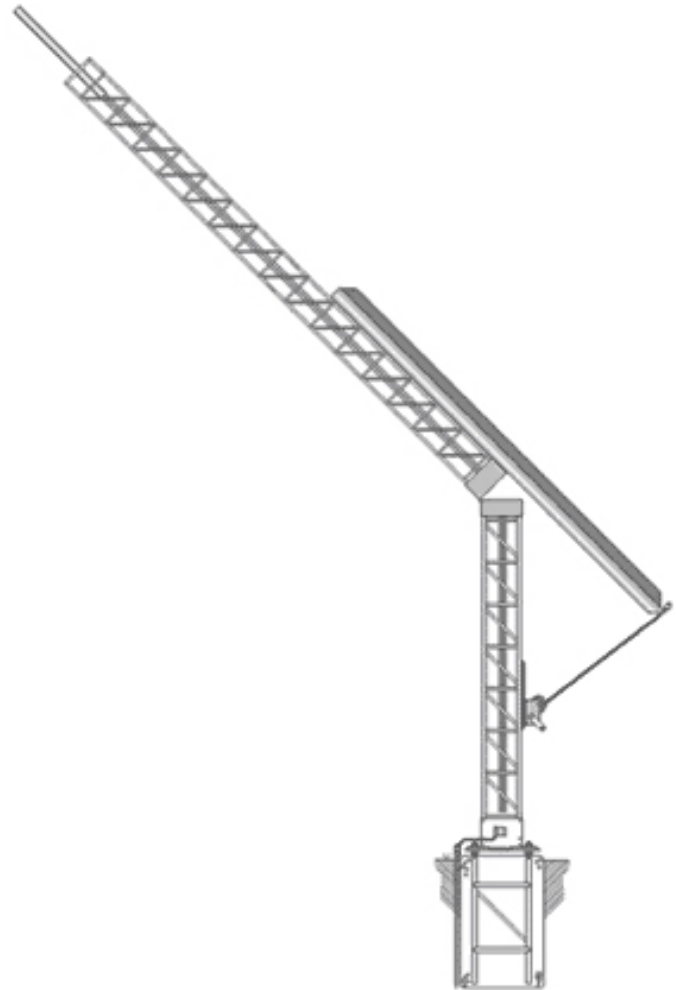
The Model 8518 and 8518-A 30' Fold-over towers are lightweight, anodized angle aluminum, free-standing, towers. The Model 8518 is unpainted, while the Model 8518-A is painted in international orange and white stripes.

Accuracy by Design

The 8518 Series towers are articulated at the 10-foot level, allowing easy access to the sensors and other equipment mounted at the top by simply lowering the upper section. A hand-operated winch mounted to the bottom section of the tower lowers the upper section, allowing a single person to service the equipment easily without climbing the tower or using a bucket truck. Two legs of the tower are hinged at the 10-foot level, with the third separating from the bottom section as the upper section is lowered. A two inch pipe bolted to the separating leg serves as a leverage arm, with the bottom end of the arm tied to the winch.

The 8518 Series towers are engineered to withstand 85 mph winds with a safety factor of 1.5. Guying kits are available from All Weather Inc. to increase the load rating. All parts are rugged, satin-finish anodized aluminium, and all hardware is stainless steel, ensuring long life in harsh environments. The Model 8518-A complies with BOCA, UBC, and EIA building codes and is FAA certified for airport AWOS use.

See reverse for specifications.



TOWERS

SPECIFICATIONS

Parameter	Specification
Tower Height	30'
Material	Anodized Aluminum
Mast Length	5'
Fold-Over Hinge Height	10'
Tower Side Width	12.75"
Section Length	10'
Section Weight	29 lbs.

DIMENSIONS & WEIGHTS

Parameter	Specification
Tower Package Shipping Weight	202 lbs. (91.63 kg)

ORDERING INFORMATION

Part Number	Description
8518	30' Fold-over Tower (unpainted)
8518-A	30' Fold-over Tower (painted)
8518-001	User's Manual for 8518 Series Towers
DSPK	Obstruction Light Kit - Land Line
DSPKU	Obstruction Light & Antenna Kit (UHF)



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