

# TOWER SPECIFICATIONS

## Carlson Roof Towers

Specifications	45HD	610HD	810HD	815HD
<b>Price</b>	<b>\$470 plus shipping</b>	<b>\$650 plus shipping</b>	<b>\$870 plus shipping</b>	<b>\$930 plus shipping</b>
<b>Tower Height</b>	4.2 feet (50 inches)	6 feet (72 inches)	7.9 feet (95 inches)	7.9 feet (95 inches)
<b>Shipping Weight</b>	39 lbs.	49 lbs.	62 lbs.	74 lb.
<b>Base Width (to outer edge of leg)</b>	25 inches	27 inches	32 inches	32 inches
<b>Maximum Wind Load at 80 mph</b>	13 sq. ft.	12 sq. ft.	12 sq. ft.	15 sq. ft.
<b>Max. Weight: Antenna + Rotor + Mast</b>	200 lbs.	200 lbs.	200 lbs.	250 lb.
<b>Tower Top Width</b>	5 inches	5 inches	5 inches	5 inches
<b>Rotor Plate Location from Top</b>	38 inches (bottom shelf)	40.5 inches (bottom shelf)	40.5 inches (top shelf)	63.5 inches (bottom shelf)
<b>Maximum Mast Diameter</b>	2.5 inches	2.5 inches	2.5 inches	2.5 inches
<b>Maximum Mast Extended Length</b>	7 feet (84 inches)	7 feet (84 inches)	7 feet (84 inches)	7 feet (84 inches)
<b>Rotor Mounting Options</b>	Yaesu Series	Yaesu Series	Yaesu Series	Yaesu Series
<b>Thrust Bearing Mounting Options</b>	Yaesu GS-065	Yaesu GS-065	Yaesu GS-065	Yaesu GS-065
<b>Fixed (non-rotating) Mast Option</b>	Mast Clamp Set	Mast Clamp Set	Mast Clamp Set	Mast Clamp Set
<b>Leg Material</b>	6061-T6 Alum (3/16" thick x 2"	6061-T6 Alum (3/16" thick x 2"	6061-T6 Alum (3/16" thick x 2"	6061-T6 Alum (3/16" thick x 2"
<b>Foot, Shelf and X Brace Material</b>	5052-H32 Alum (3/16" thick x 2" formed)	5052-H32 Alum (3/16" thick x 2" formed)	5052-H32 Alum (3/1" thick x 2" formed)	5052-H32 Alum (3/16" thick x 2" formed)
<b>Assembly Hardware</b>	5/16"-18 18-8 stainless steel	5/16"-18 18-8 stainless steel	5/16"-18 18-8 stainless steel	5/16"-18 18-8 stainless steel
<b>Foot to Leg Hardware</b>	3/8"-16 18-8 stainless steel	3/8"-16 18-8 stainless steel	3/8"-16 18-8 stainless steel	3/8"-16 18-8 stainless steel
<b>Nylon Locknuts</b>	Yes	Yes	Yes	Yes
<b>Climbable</b>	Yes - w/ tower climb- ing belt or harness	Yes - w/ tower climb- ing belt or harness	Yes - w/ tower climb- ing belt or harness	Yes - w/ tower climb- ing belt or harness

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