

Centurion ES-GN Specs - Northern Towers Industries

Tower Specifications	MAG-45-ES-GN	MAG-60-ES-GN	MAG-85-ES-GN	MAG-106-ES-GN
Hot-Dipped Galvanized Tower Sections	3	4	5	6
Main Winch Gear Reducer - Direct Drive	Y	Y	Y	Y
Main Winch Electric Motor	1.5HP	1.5HP	1.5HP	1.5HP
Tilt Winch Gear Reducer - 300 to 1	300:1	300:1	300:1	300:1
Tilt Winch Electric Motor	2HP	2HP	2HP	2HP
Galvanized Lifting Cables: (Section AA)	N/A	N/A	N/A	N/A
Galvanized Lifting Cables: (Section BB)	N/A	N/A	N/A	N/A
Galvanized Lifting Cables: (Section A)	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Lifting Cables: (Section B)	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Lifting Cables: (Section C)	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Lifting Cables: (Section D)	N/A	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Lifting Cables: (Section E)	N/A	N/A	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Lifting Cables: (Section F)	N/A	N/A	N/A	3/8" / 9.5mm
Galvanized Tilt Winch Cable	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
Galvanized Guy Cables	N/A	3/8" / 9.5mm	3/8" / 9.5mm	3/8" / 9.5mm
User Operations & Control Panel	Y	Y	Y	Y
Safety Limit Switches	Y	Y	Y	Y
Tower Power Requirements	110VAC / 60Hz **	110VAC / 60Hz **	110VAC / 60Hz **	110VAC / 60Hz **
Tower Minimum Operational Height	25' / 7.6m	25' / 7.6m	29' / 8.8m	29' / 8.8m
Tower Maximum Operational Height†	45' / 13.7m‡	60' / 18.2m‡	85' / 25.9m‡	106' / 32.3m‡
Operational Setup Time	45 minutes	45 minutes	45 minutes	45 minutes
Maximum Tower Lifting Capacity*	550 lbs / 249.4kg	550 lbs / 249.4kg	550 lbs / 249.4kg	550 lbs / 249.4kg
Maximum Wind Load (tower only)**	70mph / 112kph	70mph / 112kph	70mph / 112kph	70mph / 112kph
Standard Tower Power Requirements†	110VAC / 60Hz†	110VAC / 60Hz†	110VAC / 60Hz†	110VAC / 60Hz†
Block and Tackle Tilt System	Y	Y	Y	Y
Momentary Control Panel Switches	Y	Y	Y	Y
Trailer Specifications	MAG-45-ES-GN	MAG-60-ES-GN	MAG-85-ES-GN	MAG-106-ES-GN
Overall Trailer Length	Optional***	Optional***	Optional***	Optional***
Overall Trailer Width	8' / 2.4m	8' / 2.4m	8' / 2.4m	8' / 2.4m
Overall Tower & Trailer Length - Transportation	Optional***	Optional***	Optional***	Optional***
Trailer Height - Transportation Mode	13'6" / 4.1m	13'6" / 4.1m	13'6" / 4.1m	13'6" / 4.1m
Available Deck Space for Options	Optional***	Optional***	Optional***	Optional***
Axle Rating	12,000 lbs/5,445kg	12,000 lbs/5,445kg	12,000 lbs/5,445kg	12,000 lbs/5,445kg
Gross Vehicle Weight Rating	24,000 lbs /10,885kg	24,000 lbs /10,885kg	24,000 lbs /10,885kg	24,000 lbs /10,885kg
One Piece Fender Wells	2	2	2	2
Electric Breaks	per Axle	per Axle	per Axle	per Axle
Stabilizing Jacks	7	7	7	7
Spare Tire	1	1	1	1
Safety Chains	Y	Y	Y	Y
Break Away Kit	1	1	1	1
7 Pin RV Trailer Plug	1	1	1	1
Hitch Type	Gooseneck	Gooseneck	Gooseneck	Gooseneck
Dual Tires	Y	Y	Y	Y
Number of Tires	9	9	9	9
Drop Deck	Y	Y	Y	Y
I-Beam Chassis	Y	Y	Y	Y

* Maximum Tower Lifting Capacity refers to a properly leveled unit using standard guying, free of ice, temperatures from 33~99°F, and wind speeds of less than 70mph. Please contact Northern Towers for more information and a custom wind analysis based on customer specifications.

** Maximum Wind Load refers to a properly leveled, unloaded unit using standard guying, free of ice, and temperatures from 33~99°F. Higher wind speeds can be accommodated depending upon guying configuration and equipment loading. Please contact Northern Towers for more information and a custom wind analysis based on customer specifications.

*** Trailer deck comes in multiple lengths to accommodate various shelter sizes.

‡ Maximum safe operating height is dependent on equipment loading, wind loading, temperatures, and other environmental variables. Please contact Northern Towers for more information and a custom wind analysis based on customer specifications.

† 220VAC compatible motors are optional. Please contact Northern Towers for specific power requirements.