

Centurion MNT Specs - Northern Towers Industries

Tower Specifications	MNT-30	MNT-45	MNT-60
Hot-Dipped Galvanized Steel Tower Sections [A53-B-35]	3	4	5
Hand Crank Tilt Winch [2,000 lbs]	1	1	1
Hand Crank Extension Winch [2,000 lbs]	1	1	1
Tower Minimum Operational Height	16' 4"	17' 8"	18' 4"
Tower Maximum Operational Height‡	30' ‡	40' ‡	60' ‡
Operational Setup Time	60 minutes	60 minutes	60 minutes
Maximum Tower Lifting Capacity*	100 lbs	100 lbs	100 lbs
Maximum Wind Load (tower only)**	70mph	70mph	70mph
3-Point Guy Support	Y	Y	Y
Height from Deck to Bottom of Tower	36"	36"	36"
Thern Tilt Winch	4WM2	4WM2	4WM2
Thern Extension Winch	4WM2	4WM2	4WM2
Sheave Type	Steel Needle Bearing	Steel Needle Bearing	Steel Needle Bearing
Wire Rope Size	1/4"	1/4"	1/4"
Extension Rollers	Composite Material	Composite Material	Composite Material
Trailer Specifications	MNT-30	MNT-45	MNT-60
Overall Trailer Length	16.5'	16.5'	16.5'
Overall Trailer Width	7' 2"	7' 2"	7' 2"
Overall Tower & Trailer Length - Transportation Mode	22' 3"	22' 3"	22' 3"
Trailer Height - Transportation Mode	6' 8"	6' 8"	6' 8"
Per Axle	3,500 lbs	3,500 lbs	3,500 lbs
Gross Trailer Weight (GVW)	7,000 lbs	7,000 lbs	7,000 lbs
Curb Weight	3,220 lbs	3,420 lbs	3,620 lbs
One Piece Fender Wells	2	2	2
Electric Breaks per Axle	1 per axle	1 per axle	1 per axle
8,000 lbs - Leveling Jacks	4	4	4
Extendable Outriggers	4	4	4
Outrigger Steel Tube Size	3" x 3"	3" x 3"	3" x 3"
DOT - Safety Chains	Y	Y	Y
DOT - Break Away Kit	Y	Y	Y
7-Pin Trailer Electrical Plug	1	1	1
2-5/16" Ball Hitch (Adjustable to Variable Hitch Height)	Y	Y	Y
Maximum Over the Road Travel Speed	55mph	55mph	55mph
Maximum Off Road Travel Speed	15mph	15mph	15mph
Tire Size	ST225/75R15	ST225/75R15	ST225/75R15
Spare Tire	ST225/75R15	ST225/75R15	ST225/75R15
Tail Lights	LED	LED	LED
Deployed Foot Print	16' x 21'	16' x 21'	16' x 21'

* 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.

‡ 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.