

CENTURION MOBILE TOWER SPECIFICATIONS

Tower	C40	C55	C75	C85	C106	C120
Fully Deployed Height	12 m	16 m	22 m	25 m	32 m	36 m
Minimum Deployed Height	6.6 m	7.0 m	7.3 m	7.9 m	8.5 m	8.5 m
Tower Sections	2	3	4	5	6	6
Maximum Payload	545 kg	477 kg	386 kg	340 kg	295 kg	295 kg
Main Winch Cable Diameter	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Main Winch Cables Per System	2	2	2	2	2	2
Tower Section Cable Diameter	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Cables Per Tower Section	3	3	3	3	3	3
Main Winch Motor (hp)	2 hp	2 hp	2 hp	2 hp	2 hp	2 hp
Tilt Winch Motor (hp)	2 hp	2 hp	2 hp	2 hp	2 hp	2 hp
Main Winch Motor Cover	Y	Y	Y	Y	Y	Y
Tilt Winch Motor Cover	Y	Y	Y	Y	Y	Y
Drum Safety Lock	Optional	N/A	N/A	N/A	N/A	N/A
Winch Torque	tilt 14.210 main 14.600	N/A	N/A	N/A	N/A	N/A
Sheave Type	Roller Bearing	Roller Bearing	Roller Bearing	Roller Bearing	Roller Bearing	Roller Bearing
Sheave Material	Nylatron GSM	Nylatron GSM	Nylatron GSM	Nylatron GSM	Nylatron GSM	Nylatron GSM
Removable Tower Section Guides	Y	Y	Y	Y	Y	Y
3-Sector Antenna Mount	Included	Included	Included	Included	Included	Included
4-Sector Antenna Mount	Optional	Optional	Optional	Optional	Optional	Optional
6-Sector Antenna Mount	Optional	Optional	Optional	Optional	Optional	Optional
NEMA Rated Control Panel (UL/cUL)	Included	Included	Included	Included	Included	Included
Trailer						
GVWR	6,350 kg	6,350 kg	6,350 kg	6,350 kg	6,350 kg	6,350 kg
Dual Axle Suspension	3,175 kg	3,175 kg	3,175 kg	3,175 kg	3,175 kg	3,175 kg
Deck Height	610 mm	610 mm	610 mm	610 mm	610 mm	610 mm
Number of Axles	2	2	2	2	2	2
Transport Height	3.81 m	3.81 m	3.81 m	3.81 m	3.81 m	3.81 m
Transport Width	2.44 m	2.44 m	2.44 m	2.44 m	2.44 m	2.44 m
Transport Length	10.06 m	10.06 m	10.06 m	10.06 m	10.06 m	10.06 m
Curb Weight	3,450 kg	3,583 kg	3,720 kg	3,855 kg	4,030 kg	4,030 kg
5,440 kg Levelling Jacks	3	3	3	3	3	3
Outriggers	4	4	4	4	4	4
6' Outrigger	Optional	Optional	Optional	Optional	Optional	Optional
Powder Coat	Y	Y	Y	Y	Y	Y
Storage Box	460x460x610 mm	460x460x610 mm	460x460x610 mm	460x460x610 mm	460x460x610 mm	460x460x610 mm
Full Size Spare Tire	Y	Y	Y	Y	Y	Y
DOT- Safety Chains	Y	Y	Y	Y	Y	Y
DOT- Break Away Kit	Y	Y	Y	Y	Y	Y
Std. 7-Pin Electrical Connector	Y	Y	Y	Y	Y	Y
Wheel Chocks	Y	Y	Y	Y	Y	Y
Coupling Hitch	50 mm 3.5T	70 mm 4.0T	70 mm 4.0T	70 mm 4.0T	70 mm 4.5T	70 mm 4.5T

Wind Loading- The standard tower design includes an engineering calculation (TIA/EIA 222 Rev. G) of a wind load of up to 128 km/h