

TowerMast w/EZ RAZE

Technical Specification:

TWR CF EZ 60 FT. BLK W/EZ RAZE Mast System

Tripod:	Top Collar UHMW 5.5" x 6" x 2" Black Lower Collar UHMW 5.75" x 6" x 2" Black Cross Bar 6061T6 Alum: 1" x .25 x 11.5" Base Plate UHMW 8" x 8" Black Base legs Alloy CDS 1.25 OD x .049" wall x 48" Tensile S: 45,000 PSI Nested legs Alloy CDS 1.125 OD x .058" wall x 48" Tensile S: 70,000 PSI
Center Mast:	High grade carbon fiber /vinyl ester structural tubing 52" L x 1.25" OD smooth black. Tensile Modulus 15000KSI, Tensile Strength 175KSI Typical
Rope Stay:	Aluminum 4" x 11" x 2" CARC Green with Kevlar 3.5 mm / 1200 lb line strength
Ground Stakes:	Steel 18" x .5" Diameter Power Coated Black
Winch:	6061T6 aluminum with UHMW polyethylene bushings and cold rolled steel backlash eliminator. Side plates: 1/8" aluminum. Handle: 5/8" diameter welded rod to 1.83" diameter solid round aluminum insert. Hub: 2" OD x .83" wall. Cable: Dyneema 2mm OD micro-stretch / 900 lb line strength
Carriage:	6061T6 aluminum plate with stainless steel hardware Rollers: Stainless steel wheel with sealed stainless steel ball bearings
Extension Arms:	1.5" x .065" wall 16 gauge 6061T aluminum square tube 12-48" with two adjustable cup holders 1.5" x .065" wall x 7.5" 16 gauge 6061T6 aluminum tube 2.5" diameter x .083" wall can receive devices from 1" OD to 2.18" OD and one flat bolster plate.
Surface Coating:	Powder coat / paint / base material – may be black or green #383
Carry bag:	Mil-C-43375 nylon in OD green
Op Temps	Operating -30F to 150F and storage from -50F to 195F.
Height	Extended height 60' (feet) / nested height 4' 8"
Survival	
Wind Speed:	Max survival 20 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 40 lbs payload
Deployment	
Wind Speed:	Maximum 20 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 40 lbs payload
Weight:	---- lbs includes complete accessory kit as described above and all ancillary equipment
Deployment time:	20-25 minutes (two/three person)
Takedown time:	15-20 minutes (two/three person)

Customer Service: 330.684.5296

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ISO 9001-2008 Registered Quality System