



MobileMast

Technical Specification: MM CF 40 FT. BLK 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	
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 40' (feet) / nested height 4' 8"	
Survival		
Wind Speed:	Max survival 40 mph. NOTE: based on 4 square foot sail area at Cd=1.5with 10 lbs payload	
Deployment		
Wind Speed:	Maximum 20 mph. NOTE: based on 4 square foot sail area at Cd=1.5 with 10 lbs payload	
Weight:	57.6 lbs includes complete accessory kit as described above and all ancillary equipment	
Deployment time:	15-20 minutes (two/three person)	
Takedown time:	10-15 minutes (two/three person)	

Customer Service: 330.684.5296

www.willburt.com

ISO 9001-2008 Registered Quality System