

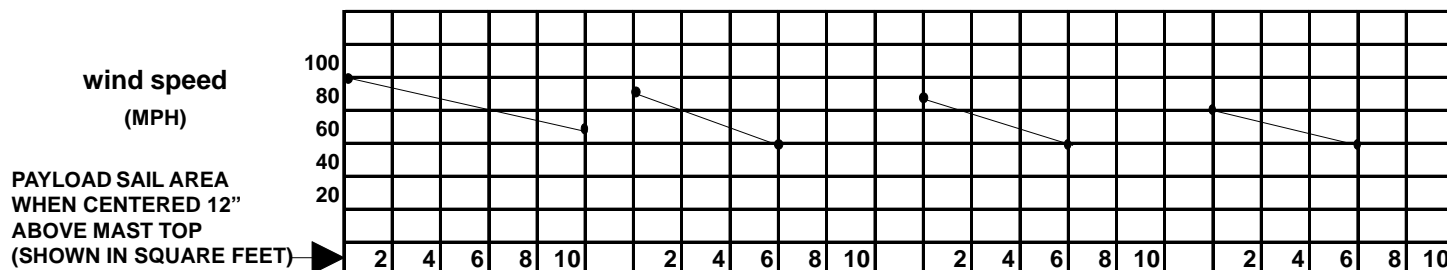
Standard Duty Masts

Will-Burt's Standard Duty Masts are pneumatic and used to support various lightweight antennas at up to 34 feet. The mast is a series of graduated extruded aluminum tubes that nest one inside another.

- FREE STANDING UNIT, SO GUYLINES ARE NOT NEEDED.
- HIGH STRENGTH HEAT TREATED ALUMINUM ALLOY TUBES AND COLLARS FOR LONG, DEPENDABLE LIFE.
- TWO FULL LENGTH EXTERNAL KEYS ON MAST SECTIONS, AND THE COLLARS HAVE MATCHING MACHINED KEYWAYS WHICH MAINTAIN DIRECTIONAL AZIMUTH.
- EACH TUBE AND COLLAR IS PROTECTED BY LOW FRICTISYNTHETIC BEARINGS FOR SMOOTH OPERATION AND LONG LIFE.
- THE BUMPERS ARE DESIGNED TO REDUCE SHOCK ON EXTENSION AND RETRACTION.
- ALL EXTERIOR ALUMINUM SURFACES ARE ANODIZED AND SEALED FOR LONG LIFE, AND THE FASTENERS AND FITTINGS ARE PLATED STEEL OR STAINLESS STEEL FOR CORROSION



| MODEL NAME | 5-20 | 6-27 | 8-30 | 7-34 |
|----------------------------|----------------|--------------|---------------|--------------|
| PAYLOAD CAPACITY | 70 LBS (32 kg) | 40 LBS(18kg) | 100 LBS(45kg) | 40 LBS(18kg) |
| EXTENDED HEIGHT | 19' | 26'-10" | 29' -11" | 33'-10" |
| | 6.1m | 8.2m | 9.1m | 10.3m |
| NESTED HEIGHT | 5'-4" | 6'-0" | 8'-0" | 7'-0" |
| | 1600mm | 1800mm | 2400mm | 2100mm |
| MAST WEIGHT* | 45 LBS. | 52 LBS. | 64 LBS. | 67 LBS. |
| NUMBER OF SECTIONS | 6 | 7 | 5 | 7 |
| TUBE DIAMETER RANGE | 5" -2.5" | 5" - 2" | 5" - 3" | 5" -2" |
| AVERAGE WALL THICKNESS | .095" | .095" | .095" | .095" |
| MAST DISPLACEMENT | 1.3 CU.FT. | 1.96CU. FT. | 2.0 CU. FT. | 2.0 CU. FT. |
| COLLAR TYPE | NON-LOCKING | NON-LOCKING | NON-LOCKING | NON-LOCKING |
| MAXIMUM OPERATING PRESSURE | 20 PSIG | 20 PSIG | 20 PSIG | 20 PSIG |



STANDARD EQUIPMENT Internal roof mounting hardware
 Base plate is non-rotatable
 Antenna platform adapter
 Magenetic mast extension warning light kit

Operation/maintance instruction manual
 Hazard warning labels
 Shipping crate

OPTIONAL EQUIPMENT Rotatable base plate and turning handles
 Mounting for external installation
 Top mountings; extension stuff
 or custom interfaces

Lukon 24 mast finish
 Black anodize finish
 Canvas top cover

DISTRIBUTED BY:

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