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INNOVATION ELEVATED®



The Will-Burt Company offers a broad selection of mobile telescopic masts, lattice towers, pan and tilt positioners and accessories to elevate a variety of mission critical payloads. Each family of elevation solutions is designed and manufactured with a unique set of characteristics tuned to optimize payload performance and meet the most stringent performance criteria. High performance tactical trailers round out the military offerings of The Will-Burt Company.



The ability of Will-Burt to deliver superior elevation solutions is attributed to its worldwide leadership in the industry for over 75 years. Teams of experienced research and development engineers, design engineers and ISO 9001:2015 quality systems certified manufacturing experts are backed by a sales and marketing support structure focused on delivering the correct customer solution on time, every time.

Whether your program requires a commercial off-the-shelf solution or a highly engineered customized product, The Will-Burt Company has the experience, design know-how and manufacturing capabilities to meet your unique requirements.

THE ADVANTAGES OF THE WILL-BURT COMPANY

- Worldwide elevation leader since 1946
- Wide array of elevation products designed for specific missions
- MIL-STD 810 Certified
- ISO 9001:2015 quality certified manufacturing
- Innovative custom solutions designed by experienced engineers
- Superior customer support

Portable Telescopic Masts and Towers Height and Payload Capabilities

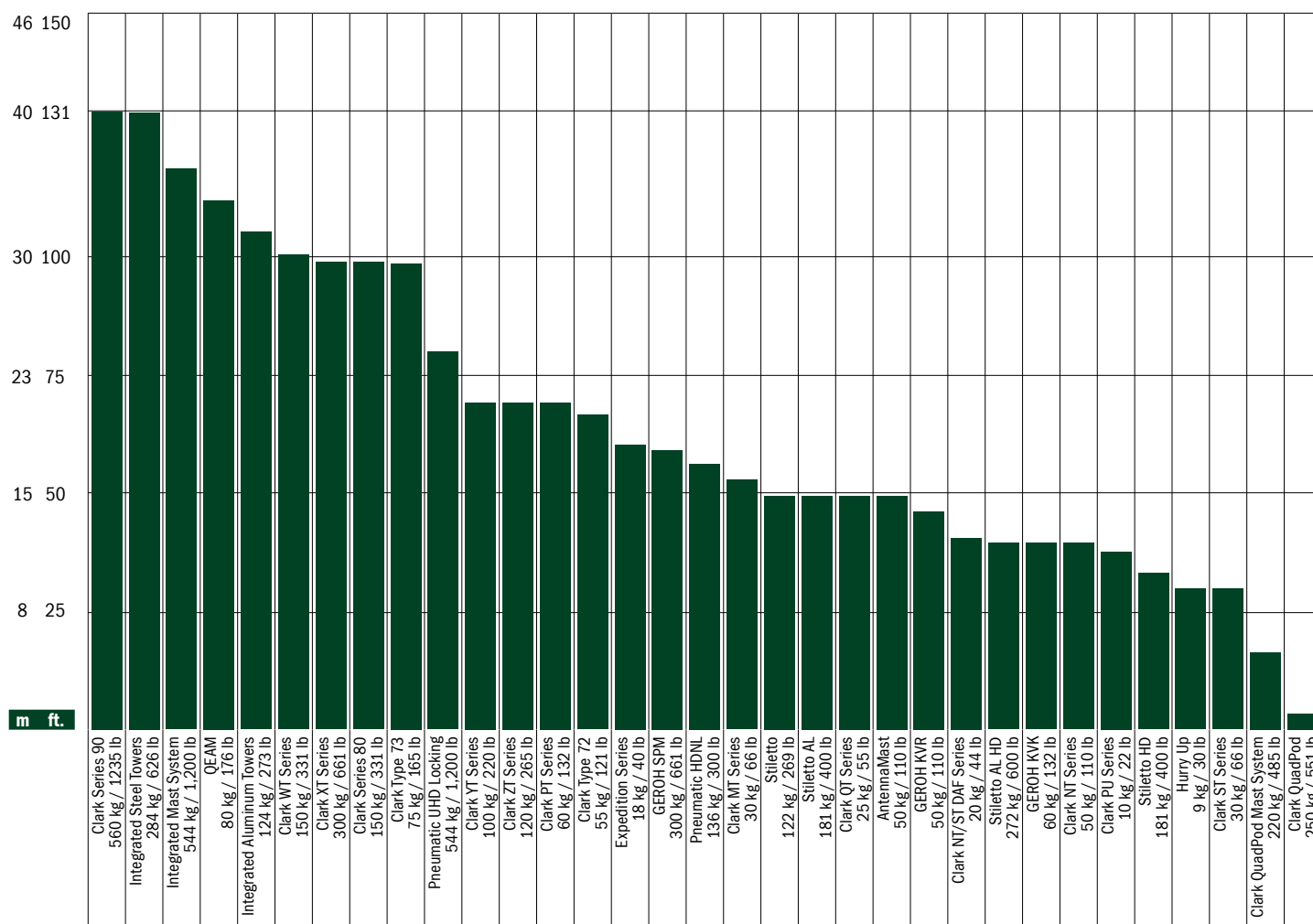


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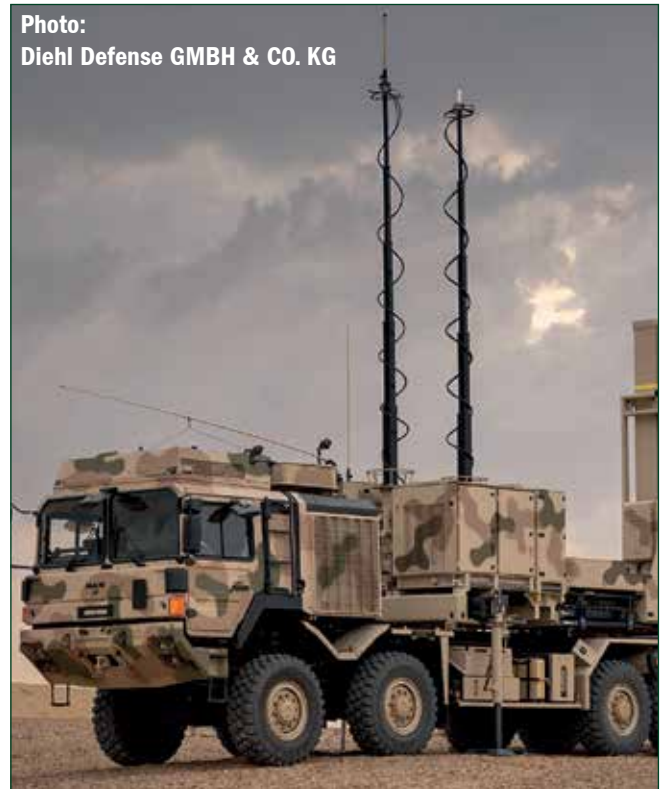
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Specifications are subject to change. Consult factory for latest information.

SURVEILLANCE / SECURITY / COUNTER UAS

STILETTO ELECTRO-MECHANICAL MASTS

Extended Heights up to 15.00m / Payload Capacity up to 122 kg

High performance composite telescoping mast

The revolutionary Will-Burt Stiletto carbon fiber composite, electro-mechanical mast features the best combination of high strength, low weight and great stability in the industry. With its low nested height and small space claim, Stiletto is the lightweight mobile solution for applications requiring rapid automatic deployment, maximum reliability and high directional pointing accuracy.

ESSENTIAL FEATURES

- High pointing accuracy and low wind deflection
 - Internal keys and rigid design maintain azimuth and eliminate the need for guylines
- High weight lifting capacity
 - Greater safety and payload accommodations
- Higher strength for lighter weight
 - Lightweight carbon fiber construction driven by stainless steel electro-mechanical drive screw
- Advanced safety
 - Automatic sectional locking assures personnel and payload safety
- Low maintenance costs
 - Easy, routine field and depot maintenance
- Use in harsh environments including ice and high wind
 - Positive retraction

STILETTO HD ELECTRO-MECHANICAL MASTS

Extended Heights up to 10.0m / Payload Capacity up to 181 kg

High performance composite telescoping mast

The Will-Burt Stiletto® HD offers additional benefits over the standard Stiletto® design

ESSENTIAL FEATURES

- Greater pointing accuracy
 - Greater strength and rigidity with 48% lower wind deflection
- Greater lifting capacity
 - Higher load drive system capacity for heavier payloads
- Increased stability
 - Due to additional tube overlap
- Increased safety
 - Three locks on heavy-duty collars
- On-The-Move**
 - Persistent surveillance



STILETTO®



STILETTOTM HD



SURVEILLANCE / SECURITY / COUNTER UAS

SPECIFICATIONS

Stiletto®	3.0m	4.0m	6.0m	10.0m	15.0m
Extended Height (+10.16 cm / -0 cm) (m / ft.)	3.0 / 9.8	4.1 / 13.5	5.79 / 19.0	9.9 / 32.5	15.0 / 49.2
Nested Height (+2.54 cm / -0 cm) (m / ft.)	1.0 / 3.3	1.0 / 3.3	1.17 / 3.8	1.7 / 5.6	2.4 / 7.9
Payload Capacity (kg / lb)	122 / 270	113 / 250	113 / 250	113 / 250	91 / 200
Weight (Including Control Box and Cables) (kg / lb)	80 / 176	89 / 196	95 / 209	121 / 267	145 / 320
Number of Sections	5	9	9	9	9
Tube Diameter (cm / in.)	26.2 to 8.5 / 10.3 to 7.3	26.2 to 11 / 10.31 to 4.31	26.2 to 11 / 10.31 to 4.31	26.2 to 11 / 10.31 to 4.31	26.2 to 11 / 10.31 to 4.31
Survival Wind Speed (km/h / mph)	-	177 / 110	160 / 100	129 / 80	105 / 65
Deployment Wind Speed (km/h / mph)	-	80 / 50	60 / 40	55 / 34	53 / 33
Erection Time with Power (seconds)	45	60	90	162	240
Rotation Accuracy (Twist)	+/-1°	+/-1°	+/-1°	+/-1°	+/-1°
Voltage (MIL-STD 1275) (VDC)	28	28	28	28	28
Footprint (cm / in.)	28.6 x 44.8 / 11.25 x 17.63		44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19
**Typical Payload Sail Area (m² / ft.²)	.74 / 8 CD=1.5	.74 / 8 CD=1.5	.74 / 8 CD=1.5	.74 / 8 CD=1.5	.74 / 8 CD=1.5

Stiletto® HD	4.0m	6.0m	8.6m	10.0m
Extended Height (+10.16 cm / -0 cm) (m / ft.)	3.8 / 12.5	6.0 / 19.7	8.6 / 28.2	10.0 / 32.9
Nested Height (+2.54 cm / -0 cm) (m / ft.)	1.1 / 3.3	1.5 / 4.9	1.95 / 6.4	2.0 / 6.6
Payload Capacity (kg / lb)	158 / 350	181 / 400	181 / 400	181 / 400
*On-The-Move Capability		x		
Weight (Including Control Box and Cables) (kg / lb)	120 / 265	154 / 340	175 / 384	180 / 395
Number of Sections	7	9	8	9
Tube Diameter (cm / in.)	24.3 to 12.9 / 9.56 to 5.06	28.1 to 12.9 / 11.06 to 5.06	28.1 to 14.8 / 11.06 to 5.81	28.1 to 12.9 / 11.06 to 5.06
Survival Wind Speed (km/h / mph)	160 / 100	160 / 100	144 / 90	129 / 80
Deployment Wind Speed (km/h / mph)	64 / 40	64 / 40	64 / 40	64 / 40
Erection Time with Power (seconds)	20	35	50	60
Rotation Accuracy (Twist)	+/-1°	+/-1°	+/-1°	+/-1°
Voltage (MIL-STD 1275) (VDC)	28	28	28	28
Footprint (cm / in.)	39.6 x 24.7 / 15.59 x 9.71	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19
**Typical Payload Sail Area (m² / ft.²)	1 / 11 CD=1.5	1 / 11 CD=1.5	.74 / 8 CD=1.5	.74 / 8 CD=1.5

*Consult factory for OTM payload capacity - 6 m HD model only. **Consult factory for larger sail area as payload and wind capacities may be reduced.

Stiletto® MIL-STD-810F Qualifications	
Altitude	Sea level to 15,000 feet per MIL-STD-810F, Method 500.4
Transportation Altitude	Sea level to 15,000 feet (unpressurized) MIL-STD-810F, Method 500.4
Operating Temperature Ranges	-40°C to +55°C, MIL-STD-810F, Method 501.4 and 502.4
Storage Temperature Ranges	-40°C to +71°C, MIL-STD-810F, Method 501.4 and 500.4
Solar Radiation	Per MIL-STD-810F, Method 505.4
Rain	Per MIL-STD-810F, Method 506.4
Humidity	Per MIL-STD-810F, Method 507.4
Fungus	Per MIL-STD-810F, Method 508.4
Salt Fog	Per MIL-STD-810F, Method 509.4
Sand and Dust	Per MIL-STD-810F, Method 510.4
Icing / Freezing Rain	Per MIL-STD-810F, Method 521.2
Vibration and Shock MIL-STD-461E	Per MIL-STD-810F, Method 514.5 and 516.5 (nested position) CS101, CS114, CS115, CS116, RS103

Stiletto® HD MIL-STD-810F Qualifications	
*Altitude	Sea level to 15,000 feet per MIL-STD-810F, Method 500.4
*Transportation Altitude	Sea level to 15,000 feet (unpressurized) MIL-STD-810F, Method 500.4
Operating Temperature Ranges	40°C to +55°C, MIL-STD-810F, Method 501.4 and 502.4
Storage Temperature Ranges	-40°C to +71°C, MIL-STD-810F, Method 501.4 and 500.4
*Solar Radiation	Per MIL-STD-810F, Method 505.4
*Rain	Per MIL-STD-810F, Method 506.4
*Humidity	Per MIL-STD-810F, Method 507.4
Fungus	Per MIL-STD-810F, Method 508.4
*Salt Fog	Per MIL-STD-810F, Method 509.4
*Sand and Dust	Per MIL-STD-810F, Method 510.4
Icing / Freezing Rain	Per MIL-STD-810F, Method 521.2
MIL-STD-461E	461E, CS101, CS114, CS115, CS116, RS103, (CE102, RE102, RS101 with optional equipment)

*The Stiletto HD design was qualified by similarity to the standard Stiletto design

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

STILETTO AL ELECTRO-MECHANICAL MASTS

Extended Heights up to 15.00m / Payload Capacity up to 181 kg

High accuracy electro-mechanical telescoping mast

The Stiletto AL delivers an extremely stable and compact elevation platform for sensors and antennas that require a high degree of pointing accuracy. This high strength alloy electro-mechanical telescoping mast with patented automatic locks does not require guying and safely deploys payloads at any height. The Stiletto AL is a cost-effective elevation platform designed to meet today's stringent program requirements.

ESSENTIAL FEATURES

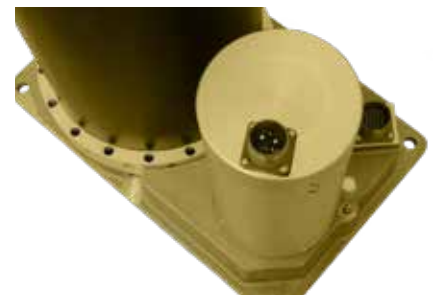
- No guying required, self-supporting mast
- Minimal mast twist
 - Energized keyway guides in accessory-ready collars
- Low wind deflection
 - Mast sections are held tight by constricting wear bands
- Quiet Operation
 - Direct-drive system powered by environmentally sealed 600 watt DC motor with manual over ride
 - Patented Quiet Locks designed for heavy payloads
- Reduced maintenance
 - Clean air filter system prevents dirt from entering mast
 - Integrated dirt / dust wipers and ice-breakers built into collars
- High strength alloy construction
- Integrated PC control
- MIL-STD 810G certified

High Strength Alloy Construction



Patented Quiet Locks Designed for Heavy Payloads

Quiet Sealed Direct-Drive System



Integrated Dust Wipers and Ice-Breakers

SPECIFICATIONS

Stiletto AL	4.0m	6.0m	8.5m	10.0m	15.0m
Extended Height (+10.16 cm / -0 cm) (m / ft.)	4.0 / 13.1	6.0 / 19.6	8.54 / 28.0	10.0 / 32.8	15.0 / 49.2
Nested Height (+2.54 cm / -0 cm) (m / ft.)	1.28 / 4.2	1.58 / 5.2	1.88 / 6.2	2.10 / 6.9	2.65 / 8.7
Payload Capacity (kg / lb)	181 / 400	181 / 400	181 / 400	181 / 400	158 / 350
Weight (Including Control Box and Cables) (kg / lb.)	120 / 265	143 / 314	165 / 364	179 / 395	158 / 350
Number of Sections	5	6	7	7	8
Tube Diameter (cm / in.)	25 to 17 / 9.85 to 6.7	25 to 15 / 9.85 to 5.91	25 to 13 / 9.85 to 5.12	25 to 13 / 9.85 to 5.12	25 to 11 / 9.85 to 4.33
Survival Wind Speed (km/h / mph)	209 / 130	185 / 115	129 / 80	129 / 80	100 / 62
Deployment Wind Speed (mph / km/h)	64 / 40	64 / 40	56 / 35	56 / 35	48 / 30
Erection Time with Power (seconds)	Less than 35	Less than 60	Less than 100	Less than 100	Less than 150
Rotation Accuracy (Twist)	+/-1°	+/-1°	+/-1°	+/-1°	+/-1°
Voltage (MIL-STD 1275) (VDC)	28	28	28	28	28
Footprint (cm / in.)	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19	44.6 x 28.5 / 17.56 x 11.19
**Typical Payload Sail Area (m ² / ft. ²)	1.58 / 17 CD=1.5	1.11 / 12 CD=1.5	1.02 / 11 CD=1.5	1.02 / 11 CD=1.5	0.74 / 8 CD=1.5

Paint option only available for base tube, all other tubes will be black anodize. **Consult factory for larger sail area as payload and wind capacities may be reduced.

STILETTO[®] AL

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

STILETTO AL HD

ELECTRO-MECHANICAL MASTS

Extended Heights up to 12.00m / Payload Capacity up to 272 kg

STILETTO[®] AL **HEAVY DUTY**

The Stiletto[®] AL HD is designed to successfully manage the forces that today's sophisticated radar and video systems can exert on a mobile elevation system and deliver the required stability and accuracy needed for optimized data delivery. The Stiletto AL HD's multi-spindle design and internal key minimizes mast twist.

Stiletto AL HD is designed to meet the most demanding program requirements.

ESSENTIAL FEATURES

- Powerful lifting capacity
 - Up to 272 kg / 600 lb.
- Automatic Locking at Any Height
 - Secure and Safe
- Maximum Strength Deployment and Retraction
 - All mast sections extend and retract in unison
- Minimal mast twist - optimized for radars
 - $\pm 0.7^\circ$
- Low-nested height
 - Internal collars with built-in dust and ice scrapers
- Precise positioning at any height
 - Digitally controlled brushless DC motor
- Minimal maintenance
 - No belts or chains - Direct drive power
 - Ultra long-life - Multi-spindle system
 - Full tube seals prevent water intrusion
- High strength alloy construction
- No guy wires required
- Digital control with LED display
 - Accurate height readout even with loss of power
- MIL-STD 810H design



Internal Collars with Built-in Dust and Ice Scrapers



Digital Control with LED Display



Multi-Spindle Design



Direct Drive Power



SPECIFICATIONS

Stiletto AL HD	4.0m	6.0m	8.54m	10.0m	12.0m
Extended Height ± 50 mm / ± 1.97 in. (m / ft.)	4.1 / 13.7	6.0 / 19.6	8.54 / 29.0	10.0 / 32.8	12.0 / 39.3
Nested Height ± 0.6 mm / ± 0.236 in. (m / ft.)	1.28 / 4.02	1.58 / 5.18	2.0 / 6.54	2.24 / 7.33	2.58 / 9.48
Payload Capacity (kg / lb.)	272 / 600	272 / 600	272 / 600	272 / 600	272 / 600
Mast Weight (kg / lb.)	152 / 335	178 / 391	210 / 464	222 / 490	260 / 573
Number of Sections	6	6	6	6	6
Tube Diameter Range: Base Tube - Top Tube (mm / in.)	250 - 150 / 9.85 - 5.9	250 - 150 / 9.85 - 5.9	250 - 150 / 9.85 - 5.9	250 - 150 / 9.85 - 5.9	250 - 150 / 9.85 - 5.9
*Survival Wind Speed (km/h / mph)	209 / 130	185 / 115	153 / 95	129 / 80	100 / 62
Deployment Wind Speed (km/h / mph)	64 / 40	64 / 40	64 / 40	64 / 40	64 / 40
Approximate Extension Time with Power (seconds)	<45	<65	<90	<105	<130
Rotation Accuracy (Twist)	$\pm 0.7^\circ$	$\pm 0.7^\circ$	$\pm 0.7^\circ$	$\pm 0.7^\circ$	$\pm 0.7^\circ$
Input Voltage	28 VDC	28 VDC	28 VDC	28 VDC	28 VDC
Running Current (Max)	40 Amps	40 Amps	40 Amps	40 Amps	40 Amps
Base Footprint (cm / in.)	44.6 x 28.5 / 17.56 x 11.22	44.6 x 28.5 / 17.56 x 11.22	44.6 x 28.5 / 17.56 x 11.22	44.6 x 28.5 / 17.56 x 11.22	44.6 x 28.5 / 17.56 x 11.22
Max Deployment Angle	10°	10°	10°	10°	5°
*Typical Payload Sail Area (m ² / ft. ²)	1.58 / 17	1.11 / 12	1.02 / 11	1.02 / 11	0.74 / 8

*All survival wind load payloads assume a payload center of pressure position 1 meter above the top of the mast and payload drag coefficient (CD) of 1.5.

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

GEROH SPM SUPER HEAVY-DUTY TELESCOPIC SPINDLE DRIVE MASTS

Extended Heights up to 18.00m / Payload Capacity up to 300 kg

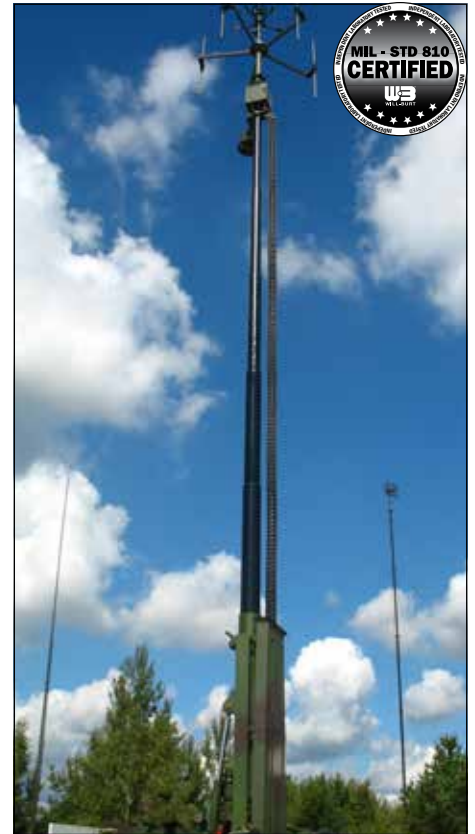
Will-Burt Germany's Family of Telescopic Spindle Masts is used by the German Army and other international forces to enhance capabilities like communication, security, surveillance, reconnaissance and detection of targets throughout the battlefield.

The GEROH Spindle Mast Systems are developed for the highest requirements in precision and heavy payloads. The spindle drive system guarantees environmental independent operation – also in extreme inclines.

The GEROH SPM Spindle Mast is developed for the highest requirements in precision and extending the heaviest of payloads. Made of high strength aluminum, the Spindle mast maintains very close tolerances and endurance from environmental extremes making it our best telescopic mast for counter-UAS, communication, surveillance, reconnaissance and target detection.

ESSENTIAL FEATURES

- Designed for heavy payloads with large windsail areas
- Precision tolerances maintain azimuth and minimize deflection
- Precise pointing accuracy excellently suited for optical electronic intelligence, monitoring, and target recognition
- Designed for inside and outside vehicle installation
- Electronic and Manual Operation
- MIL-STD 810-F certified



GEROH SPM

SPECIFICATIONS

Standard SPM	180-2 SPM 2	230-3 SPM 5	230-6 SPM 5	260-8 SPM 6	260-10 SPM 6	260-12 SPM 6	300-15 SPM 6	360-18 SPM 6
Extended Height (m / ft.)	2.1 / 6.9	3.0 / 9.9	6.0 / 19.7	8.0 / 26.2	10.0 / 32.8	12.0 / 39.4	15.0 / 49.2	18.0 / 59.1
Nested Height (m / ft.)	1.2 / 4.0	1.1 / 3.5	1.7 / 5.5	1.8 / 5.9	2.2 / 7.1	2.5 / 8.1	3.4 / 11.2	3.9 / 12.8
Payload Capacity (kg / lb.)	100 / 220	300 / 661	250 / 551	250 / 551	250 / 551	250 / 551	250 / 551	250 / 551
Approximate Mast Weight (kg / lb.)	74 / 163	96 / 212	140 / 309	260 / 573	290 / 639	305 / 672	600 / 1,323	675 / 1,488
Tube Diameter (cm / in.)	18 / 7.1	23 / 9.1	23 / 9.1	26 / 10.2	26 / 10.2	26 / 10.2	36 / 14.2	36 / 14.2
Number of Sections	2	5	5	6	6	6	6	6

Low Profile SPM	280-2.5 SPM 7	280-3 SPM 7	280-4 SPM 7	280-6 SPM 7	280-8 SPM 7	280-10 SPM 7
Extended Height (m / ft.)	2.5 / 8.2	3.0 / 9.8	4.0 / 13.1	6.0 / 19.7	8.0 / 26.2	10.0 / 32.8
Nested Height (m / ft.)	0.70 / 2.3	0.78 / 2.5	0.92 / 3.0	1.20 / 3.9	1.49 / 4.9	1.78 / 5.8
Payload Capacity (kg / lb.)	140 / 309	130 / 287	120 / 265	100 / 220	80 / 176	60 / 132
Approximate Mast Weight (kg / lb.)	120 / 265	160 / 353	190 / 419	220 / 485	245 / 540	290 / 639
Tube Diameter (cm / in.)	28 / 11.0	28 / 11.0	28 / 11.0	28 / 11.0	28 / 11.0	28 / 11.0
Number of Sections	7	7	7	7	7	7

Other heights and payload capacities available.

SURVEILLANCE / COMMUNICATIONS

PNEUMATIC HD AND SHD NON-LOCKING MASTS

Extended Heights up to 17.10m / Payload Capacity up to 136 kg

The Will-Burt Pneumatic Heavy-Duty Non-Locking (HDNL) and Super Heavy-Duty Non-Locking (SHDNL) Masts offer a light-weight solution with a high payload lifting capacity. Our Pneumatic Non-Locking Masts also feature high pointing accuracy and long mast life for high performance and dependability. The pneumatic heavy-duty design makes it inherently safe – the payload sits on a “cushion of air” enabling it to better absorb shocks for on-the-move applications*. What’s more, the Pneumatic Non-Locking Masts have controlled exhausting of air for smooth and safe retraction. Locking models are available for extended deployments.

ESSENTIAL FEATURES

- Maintains azimuth - minimal twist deflection
 - Reliable full-length external keyways
- Operates in extreme environments
 - External wipers protect against sand and dust
- Low maintenance and life-cycle costs
 - Easy to operate and maintain low friction synthetic bearings
- Long life
 - Black hardcoat protects against salt fog corrosion



SPECIFICATIONS

Heavy-Duty	7.5m	10.0m	12.5m	15.0m	17.0m
Extended Height (m / ft.)	7.6 / 25.0	10.0 / 32.8	12.5 / 41.2	14.8 / 48.6	17.1 / 56.17
Nested Height (m / ft.)	1.8 / 6.0	2.0 / 6.7	2.1 / 7.3	2.7 / 8.7	2.9 / 9.6
Payload Capacity (kg / lb.)	91 / 200	136 / 300	91 / 200	136 / 300	136 / 300
Approximate Mast Weight (kg / lb.)	50 / 110	91 / 200	107 / 235	125 / 275	135 / 296
Tube Diameter (mm / in.)	171 - 76 / 6.75 - 3.00	229 - 95 / 9.00 - 3.75	229 - 76 / 9.00 - 3.00	229 - 95 / 9.00 - 3.75	229 - 95 / 9.00 - 3.75
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

Super Heavy-Duty	10.0m	12.0m
Extended Height (m / ft.)	10.0 / 32.8	12.0 / 39.4
Nested Height (m / ft.)	2.5 / 8.0	2.8 / 9.3
Payload Capacity (kg / lb.)	445 / 980	308 / 680
Approximate Mast Weight (kg / lb.)	170 / 375	195 / 430
Tube Diameter (mm / in.)	285 - 171 / 11.25 - 6.75	285 - 152 / 11.25 - 6.00
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

CLARK PNEUMATIC TELESCOPING MASTS

Clark has been dedicated to the design and manufacture of fast-erecting pneumatic telescopic and sectional mast systems for both civilian and military use since the late 1950's. Many thousands of the company's masts have been purchased by authorities around the world.

Clark now becomes a brand within the Will-Burt portfolio that will maintain its heritage of quality, performance, and world-class customer service. Clark masts are known for robust performance in the most severe environments – these masts have been tested and approved to the rigors of MIL STD 810.

The Clark range of field / vehicle / shelter lightweight and man-portable pneumatic masts are the logical choice for missions that require quick deployment of communications and surveillance equipment up to 150 kg and 30 meters.

ESSENTIAL FEATURES:

- High strength / Lightweight Aluminum Alloy
- Locking or Non-locking collars
- Rotatable or Non-rotatable masts
- Field / Vehicle / Shelter Mounting Options
- Full range of accessories
- Worldwide service and support from Will-Burt



SURVEILLANCE / COMMUNICATIONS

CLARK YT SERIES PNEUMATIC MASTS

Extended Heights up to 21.00m /
Payload Capacity up to 100 kg

The YT Series of telescopic masts combine high payload capacity, high extended heights in relation to the retracted length. Ideal for communications offering a competitive alternative to much larger masts. YT masts are keyed to limit unwanted rotation and are coated in PTFE for optimized operation in a variety of conditions.

MAST OPTIONS

- Rotatable / Non/Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch



MAST ACCESSORIES

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying



A four leg field set is available on the Clark YT, WT, XT, and ZT Series masts:

- (1) Field leg collar with support rings and bubble level
- (2) Adjustable stepped legs
- (2) Adjustable plain legs
- (1) Field base plate with locking ring and ball base
- (4) Ground spikes
- (1) Wheel handles

SPECIFICATIONS

Clark YT Series	YT-NP4	YT-NP 5	YT-NP 6	YT-NP 7	YT-NP 8
Extended Height (m / ft.)	7.0 / 23.0	18.0 / 59.1	21.0 / 69.0	21.0 / 69.0	21.0 / 69.0
Nested Height (m / ft.)	2.29 / 7.5	4.84 / 15.9	4.24 / 14.0	3.8 / 12.5	3.65 / 12.0
Payload Capacity (kg / lb)	100 / 221	75 / 165	40 / 88	25 / 55	15 / 33
Number of Sections	4	5	6	7	8
Base Tube Diameter (mm / in.)	127 / 5.0	127 / 5.0	127 / 5.0	127 / 5.0	127 / 5.0
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

SURVEILLANCE / COMMUNICATIONS

PNEUMATIC HD AND SHD LOCKING MASTS

Extended Heights up to 30.00m / Payload Capacity up to 240 kg

Will Burt's locking pneumatic masts are ideal for military communications, elevated testing and mobile radar applications. When a mast deployment is needed for extended periods, locking collars allow the mast to remain extended indefinitely without air pressure. Guying is optional on Vehicle-mounted heavy-duty locking (HDL) models up to 18m / 60 ft. Commercial-off-the-shelf (COTS) heavy-duty models are available. Super heavy-duty locking (SHDL) and ultra heavy-duty locking (UHDL) models feature greater unguyed heights and larger payload capacities. Standard models are shown below. Custom height and payload capacities are available upon request.



ESSENTIAL FEATURES

- Two full-length external keys on mast sections with matching machined keyways on collars
 - Maintains directional azimuth
- Low friction synthetic bearings
 - Protects mast sections and collars for smooth operation and long life
- Mechanical Locking Collars
 - Supports high guying forces
- Black Hardcoat and sealed aluminum surfaces
 - Meets MIL-A-8625 Type III, Class II & Extends life of mast and protects against salt fog corrosion
- External Wipers
 - Protects against sand and dust
- Ruggedized Options
 - Optional finishes and features for military applications

SPECIFICATIONS

Heavy-Duty	10.0m	12.5m	15.0m	18.0m
Extended Height (m / ft.)	10.0 / 32.8	12.5 / 41.0	15.0 / 49.2	18.0 / 59.1
Nested Height (m / ft.)	2.3 / 7.5	2.3 / 7.5	2.5 / 8.0	3.2 / 10.4
Payload Capacity (kg / lb.)	91 / 200	91 / 200	91 / 200	136 / 300
Approximate Mast Weight (kg / lb.)	57 / 125	107 / 235	109 / 240	150 / 330
Tube Diameter (cm / in.)	171 - 76 / 6.75 - 3.00	229 - 76 / 9.00 - 3.00	229 - 76 / 9.00 - 3.00	229 - 95 / 9.00 - 3.75
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

Super Heavy-Duty	15.0m	18.0m	23.0m	30.0m
Extended Height (m / ft.)	15.0 / 49.2	18.0 / 59.1	23.2 / 76.0	30.0 / 98.4
Nested Height (m / ft.)	2.8 / 9.2	3.2 / 10.5	3.4 / 11.1	4.7 / 15.4
Payload Capacity (kg / lb.)	240 / 530	240 / 530	136 / 300	240 / 530
Approximate Mast Weight (kg / lb.)	205 / 450	227 / 500	249 / 549	361 / 790
Tube Diameter (cm / in.)	288 - 135 / 11.25 - 5.25	288 - 135 / 11.25 - 5.25	288 - 96 / 11.25 - 3.75	288 - 135 / 11.25 - 5.25
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

Pneumatic HD Locking Mast MIL-STD-810F Qualifications

Solar Radiation: Per MIL-STD-810E, Method 505.3

Rain: Per MIL-STD-810E, Method 506.3

Humidity: Per MIL-STD-810E, Method 507.3

Salt Fog: Per MIL-STD-810E, Method 509.3

Sand and Dust: Per MIL-STD-810E, Method 510.3

The Pneumatic SHD and Pneumatic Non-Locking HD and SHD masts are qualified by similarity to the Pneumatic HD locking mast design.

*Capacity will be affected by wind sail area. Consult factory.

SURVEILLANCE / COMMUNICATIONS

CLARK WT SERIES PNEUMATIC MASTS

Extended Heights up to 30.50m /
Payload Capacity up to 150 kg

The WT Series range of heavy duty pneumatic telescopic masts have a base tube diameter of six inches and a maximum of nine telescopic sections. This is an ideal telescoping communications mast.



MAST OPTIONS

- Rotatable / Non/Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch

MAST ACCESSORIES

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying



SPECIFICATIONS

Clark WT Series	WT-NP 4	WT-NP 5	WT-NP 6	WT-NP 7	WT-NP 8	WT-NP 9
Extended Height (m / ft.)	10.0 / 32.8	15.0 / 49.2	21.42 / 70.3	21.32 / 70.0	20.02 / 65.7	30.52 / 100.0
Nested Height (m / ft.)	3.20 / 10.5	4.06 / 13.3	4.57 / 15.0	4.02 / 13.2	3.52 / 11.6	4.95 / 16.2
Payload Capacity (kg / lb)	150 / 331	120 / 265	100 / 221	65 / 143	45 / 99	20 / 44
Number of Sections	4	5	6	7	8	9
Base Tube Diameter (mm / in.)	152.5 / 6.00	152.5 / 6.00	152.5 / 6.00	152.5 / 6.00	152.5 / 6.00	152.5 / 6.00
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

SURVEILLANCE / COMMUNICATIONS

CLARK ZT SERIES PNEUMATIC MASTS

Extended Heights up to 21.00m /
Payload Capacity up to 120 kg

The ZT Series range of heavy duty pneumatic telescopic masts have a seven inch base tube diameter and a maximum of eight telescopic sections. With a large payload capacity and high stability, the ZT series is an ideal telescoping communications mast.

CLARK XT SERIES PNEUMATIC MASTS

Extended Heights up to 30.00m /
Payload Capacity up to 3000 kg

The XT Series range of heavy duty pneumatic telescopic masts have an eight inch base tube diameter with a maximum of twelve telescopic sections. The XT series is well suited for surveillance applications.



Clark ZT Series



Clark XT Series

MAST OPTIONS

- Rotatable / Non/Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch

MAST ACCESSORIES

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying

SPECIFICATIONS

Clark ZT Series	ZT 6	ZT 7	ZT 8
Extended Height (m / ft.)	18.0 / 59.1	18.0 / 59.1	21.0 / 69.0
Nested Height (m / ft.)	3.80 / 12.5	4.00 / 13.1	3.56 / 11.7
Payload Capacity (kg / lb)	120 / 265	100 / 221	70 / 154
Number of Sections	6	7	7
Base Tube Diameter (mm / in)	177.8 / 7.00	177.8 / 7.00	177.8 / 7.00
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

Clark XT Series	XT 4	XT 5	XT 6	XT 7	XT 8	XT 9
Extended Height (m / ft.)	10.00 / 32.8	5.02 / 16.5	18.00 / 59.1	18.00 / 59.1	26.02 / 85.4	30.02 / 98.5
Nested Height (m / ft.)	3.50 / 11.5	1.55 / 5.1	4.29 / 14.1	4.15 / 13.6	4.89 / 16.0	4.93 / 16.2
Payload Capacity (kg / lb.)	300 / 661	220 / 485	150 / 331	130 / 286	130 / 286	90 / 198
Number of Sections	4	5	6	7	8	9
Base Tube Diameter (mm / in.)	203.2 / 8.00	203.2 / 8.00	203.2 / 8.00	203.2 / 8.00	203.2 / 8.00	203.2 / 8.00
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

ULTRA HEAVY-DUTY PNEUMATIC LOCKING TELESCOPING MASTS

Extended Heights up to 24.30m
Payload Capacity up to 544 kg

Higher payload capacity with shorter nested height.

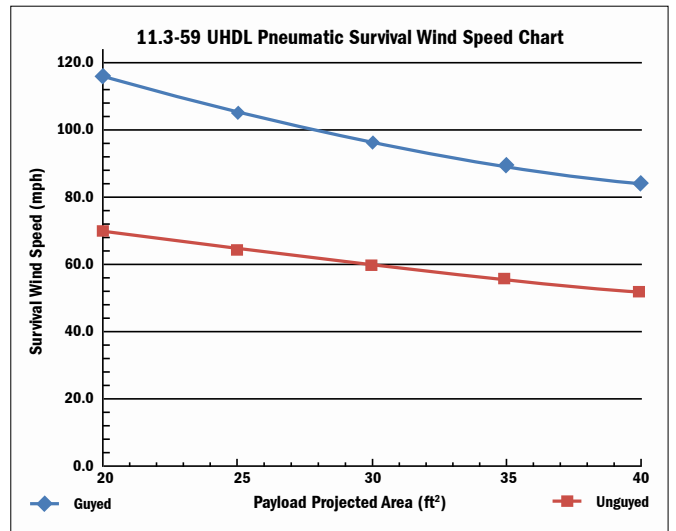
The Ultra Heavy-Duty Pneumatic Mast with Locking Collars delivers an unparalleled combination of strength and rigidity in a design that delivers the performance of a hydraulic mast at less weight and without the need for environmentally dangerous fluids.

The Ultra Heavy-Duty mast was specifically designed for mobile communications providing better unguyed performance at lower nested heights – eliminating the need for an expensive tilt system.

ESSENTIAL FEATURES

- Strong
 - Elevates heavier loads with greater wind sail area
 - Greater unguyed performance
- Fast & Efficient
 - Lower nested height eliminates the need for costly and complicated tilt systems
 - Easier to deploy in urban areas
 - Safe long-term deployment with easy to operate positive locking pins
- Reliable
 - 5 year manufacturer warranty
 - No maintenance required
 - No hydraulic fluid concerns

SURVEILLANCE / COMMUNICATIONS



SPECIFICATIONS

Ultra Heavy-Duty Locking	8-39	11.3-59	9.8-65.6	13-70	14.4-80
Extended Height (m / ft.)	12.0 / 39.3	18.0 / 59.1	20.0 / 65.6	21.3 / 69.9	24.3 / 79.7
Nested Height (m / ft.)	2.4 / 7.8	3.4 / 11.1	3.0 / 9.8	4.0 / 13.1	4.4 / 14.4
*Payload Capacity (kg / lb.)	444 / 980	544 / 1,200	240 / 530	544 / 1,200	544 / 1,200
Approximate Weight (kg / lb)	275 / 607	369 / 814	387 / 852	417 / 920	489 / 1,078
Number of Sections	8	7	10	7	7
Tube Diameter (cm / in.)	34.29-17.15 / 13.50-6.75	34.29-19.05 / 13.50-7.50	34.29-13.34 / 13.50-5.25	34.29-19.05 / 13.50-7.50	34.29-19.05 / 13.50-7.50
Collar Type	Locking with Super Pins	Locking with Super Pins	Locking with Super Pins	Locking with Super Pins	Locking with Super Pins
Maximum Operating Pressure	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)	35 PSIG (2.4 bar)

Dimensions provided are for reference only and are not intended for vehicle design purposes. *Capacity will be affected by wind sail area. Consult factory.

MAST ACCESSORIES

REMOTE LOCKING SYSTEM FOR LOCKING PNEUMATIC MASTS

Will-Burt's patent pending Remote Locking System for pneumatic masts allows an operator to lock and unlock the mast from an assured distance. No manual interaction is required to raise or lower the mast. Operation of the system is intuitive, requiring less training and reducing the risk of operator error. The Remote Locking System is available on any Heavy-Duty pneumatic mast system or larger up to 24m / 80 ft.

FEATURES AND SPECIFICATIONS

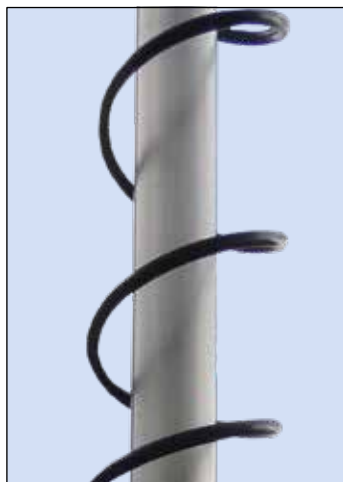
- Ability to stand clear from payload during deployment and retraction
- Easy to understand and operate control
- Super pins for longer lock life and increased wind survival speed in guyed applications
- Close azimuth design and two full-length keys on every mast section reduces mast movement and twist
- No routine maintenance required
- Pneumatic operation requires no fluids
- Control Box included
- Optional Handheld Controller



EXTERNAL CABLE MANAGEMENT

NYCOIL® is a coiled conduit used to house wiring, antenna coax and positioner cable that is too large to fit inside the mast. NYCOIL® easily fits around the mast and extends neatly and compactly retracts when the mast is nested.

A variety of sizes is available from 1.27 cm / 0.5 in. to 3.2 cm / 1.25 in. in diameter with lengths available up to 100 ft. / 30m



MAST ACCESSORIES

PNEUMATIC SYSTEMS








Will-Burt offers a variety of low-maintenance pneumatic systems and hand pumps, all specifically designed for optimal performance for use with Will-Burt Telescoping Masts.

Each system is shipped completely assembled, tested and factory preset.







SPECIFICATIONS



Part Number	5766701	5857701	5802201 / 5766301	5802301	902404	903193	912361
AC Models	WB135	WB135	WB280	WB280			
Mast Application	Standard Duty	Standard Duty	Heavy / Super / Ultra Duty	Heavy / Super / Ultra Duty	Heavy / Super / Ultra Duty	Heavy / Super / Ultra Duty	Heavy / Super / Ultra Duty
Voltage	110VAC 60Hz	220VAC 50Hz	110VAC 60Hz	220VAC 50Hz	110VAC / 60Hz	220VAC 50Hz	220VAC 60Hz
CFM	4.7	4.7	9.8	9.8	4.4	2.01	4.4
Ltr / Min	135	135	280	280	125	57	101
Operating Temperature (°C / °F)	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131	10 to 40 / 50 to 104	-20 to 55 / -4 to 131	10 to 40 / 50 to 104
Optional HandHeld Remote							
Protective Enclosure	x	x	x	x			
Cooling Fan					x	x	x
Air Hose with Fittings	x	x	x	x	x	x	x
Pressure Gauge	x	x	x	x	x	x	x
Pressure Switch	20 ±2 psi	20 ±2 psi	35 ±2 psi	35 ±2 psi	32 ±2 psi	32 ±2 psi	32 ±2 psi
Current Draw	7 amps	3.5 amps	14 amps	7 amps	10.6 amps	4.1 amps	5.3 amps
Weight (kg / lb.)	25 / 55	25 / 55	28 / 62	28 / 62	20 / 45	25 / 55	20 / 45
Dimensions (L x W x H) (mm / in.)	385 x 255 x 380 / 15.2 x 10.1 x 15	385 x 255 x 380 / 15.2 x 10.1 x 15	385 x 255 x 380 / 15.2 x 10.1 x 15	385 x 255 x 380 / 15.2 x 10.1 x 15	466 x 295 x 227 / 8.33 x 11.61 x 8.91	417 x 320 x 229 / 16.4 x 12.6 x 9.0	466 x 295 x 227 / 18.33 x 11.61 x 8.91



Part Number	5857801	5857901	5766801	5766901
DC Models	WB135	WB135	WB135	WB135
Mast Application	Standard Duty	Standard Duty	Heavy / Super / Ultra Duty	Heavy / Super / Ultra Duty
Voltage	12VDC	24VDC	12VDC	24VDC
CFM	4.7	4.7	4.7	4.7
Ltr / Min	135	135	135	135
Operating Temperature (°C / °F)	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131	-10 to 55 / 14 to 131
Optional HandHeld Remote				
Protective Enclosure	x	x	x	x
Cooling Fan				
Air Hose with Fittings	x	x	x	x
Pressure Gauge	x	x	x	x
Check Valve	20 ±2 psi	20 ±2 psi	35 ±2 psi	35 ±2 psi
Current Draw	65 amps	32 amps	65 amps	32 amps
Weight (kg / lb.)	25 / 55	25 / 55	25 / 55	25 / 55
Dimensions (L x W x H) (mm / in.)	385 x 255 x 385 / 15.2 x 10.1 x 15.2	385 x 255 x 385 / 15.2 x 10.1 x 15.2	385 x 255 x 385 / 15.2 x 10.1 x 15.2	385 x 255 x 385 / 15.2 x 10.1 x 15.2

SURVEILLANCE / COMMUNICATIONS

GEROH KVK NON-LOCKING HEAVY-DUTY TELESCOPING CABLE-DRIVE MASTS

Extended Heights up to 12.00m / Payload Capacity up to 60 kg

The GEROH KVK non-locking mast is a lightweight and robust mobile elevation solution, ensuring superior stability, reliability, and longevity. The KVK is available with manual crank deployment or motorized operation. The GEROH KVK is in use in defense applications such as communications, surveillance, and missile defense systems. Designed for deployment on vehicles, trailers, and shelters, they feature precision-engineered mast profiles for accurate positioning.

Equipped with two strong internal cables, powered by either a manual winch or an electric motor, these masts are protected from environmental elements. They can operate seamlessly in extreme temperatures ranging from -32°C / -25°F to +44°C / +111°F, ensuring reliable performance even in harsh conditions.



ESSENTIAL FEATURES

- Payloads up to 60 kg (132 lb)
- Heights up to 12m (39 ft)
- Deploy to any height.
- Precision machined sections and collars
 - Maintain accurate pointing
- Powerful dual internal cable drive system
 - Powered deployment and retraction in extreme environments
- Available as manual crank, analog motor, or digital motor
- Designed for trailer, shelter, or vehicle deployment.
- MIL-STD 810 - F / G qualified



SPECIFICATIONS

KVK	120 - 2.5 KVK 3	120 - 4 KVK 4	145 - 6 KVK 4	145 - 8 KVK 5	170 - 10 KVK 5	170 - 12 KVK 6
Extended Height (m / ft.)	2.5 / 8.2	4.0 / 13.1	6.0 / 19.7	8.0 / 26.2	10.0 / 32.8	12.0 / 39.3
Nested Height (m / ft.)	1.14 / 3.5	1.34 / 4.3	1.9 / 6.3	2.1 / 6.9	2.5 / 8.2	2.5 / 8.2
Payload Capacity (kg / lb)	60 / 132	45 / 99	60 / 132	45 / 99	50 / 110	40 / 88
Approximate Mast Weight (kg / lb)	28 / 62	35 / 78	55 / 122	63 / 139	83 / 183	88 / 194
Number of Sections	3	4	4	5	5	6

Additional sizes available. Specifications are for reference only and are subject to change. Please contact Will-Burt for current and exact specifications. In addition to its masts, Will-Burt Germany also engineers and manufactures its own line of specialty single and double-axle military trailers, designed for maximum mobility with high payload capability and low curb weight.

QUALIFICATIONS

KVK / KVR MIL-STD TESTS		MIL-STD TESTS (cont.)	
High Temperature Operation (+44° C)	MIL-STD-810G, Method 501.5, Procedure II	Shock	MIL-STD-810G, Method 516.6, Procedure I - Functional Shock, according to Table 516.6-II, 20g 11ms sawtooth (terminal)
Low Temperature Operation (-32° C)	MIL-STD-810G, Method 502.5, Procedure II	Low Pressure	MIL-STD-810G, Method 500.5, Procedure II (3000m, -4.5° and 4572 m), Rapid decompression Procedure III
High Temperature Storage (+63° C)	MIL-STD-810G, Method 501.5, Procedure I	Solar Radiation	MIL-STD-810G, Method 505.5, Procedure II
Low Temperature Storage (-51° C)	MIL-STD-810G, Method 502.5, Procedure II	Sand/Dust	MIL-STD-810G Method 510.5, Procedure I & II
Humidity	MIL-STD-810G, Method 507.5, Procedure II (Aggravated cycle Figure 507.5-7, %95 uncondensed humidity)	Icing	MIL-STD-810G, Method 521.3, Procedure I (Ice thickness: 13mm)
Vibration	MIL-STD-810G, Method 514.6, Procedure I, Category 20, Table 514.6C-VI, Figure 514.6C-3 (composite wheeled vehicle)	EMI	MIL-STD 461F: CS101, CS114, CS115, CS116, RS103
	MIL-STD-810G, Method 514.6, Procedure I, Category 11 (Rail Road-Train), Figure 514.6C-10	Hazardous Chemicals	MIL STD 810 F Method 504.1
	MIL-STD-810G, Method 514.6, Procedure I, Category 8 (Aircraft-Propeller), Figure 514.6C-7	Salt Fog	MIL-STD 810F Method 509.4
		Rain	MIL-STD-810G, Method 506.5, Procedure I

GEROH KVR LOCKING HEAVY-DUTY TELESCOPING CABLE-DRIVE MASTS

Extended Heights up to 14.00m / Payload Capacity up to 50 kg

SURVEILLANCE / COMMUNICATIONS

GEROH KVR

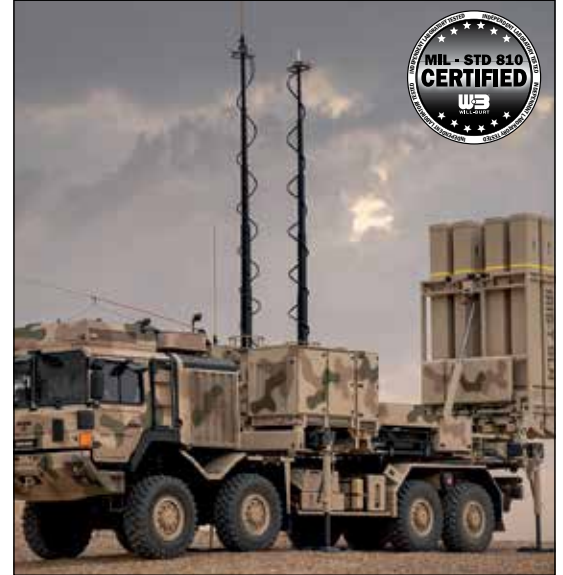
The GEROH KVR locking mast is a lightweight and robust mobile elevation solution, ensuring superior stability, reliability, and longevity. The KVR is available with manual crank deployment or motorized operation. The GEROH KVR is in use in defense applications such as communications, surveillance, and missile defense systems. Designed for deployment on vehicles, trailers, and shelters, they feature precision-engineered mast profiles for accurate positioning.

The internal, sectional locks maintain height regardless of the elements and allows for the mast to be guyed.

Equipped with two strong internal cables, powered by either a manual winch or an electric motor, these masts are protected from environmental elements. They can operate seamlessly in extreme temperatures ranging from -32°C / -25°F to +44°C / +111°F, ensuring reliable performance even in harsh conditions.

ESSENTIAL FEATURES

- Payloads up to 50 kg (132 lb)
- Heights up to 14m (45 ft)
- Deploy to any height.
- Automatic internal sectional locks engage when section is fully deployed
 - Long-term deployment and guy line capable
- Precision machined sections and collars
 - Maintain accurate pointing
- Powerful dual internal cable drive system
 - Powered deployment and retraction in extreme environments
- Available as manual crank, analog motor, or digital motor
- Designed for trailer, shelter, or vehicle deployment
- MIL-STD 810 - F / G qualified



SPECIFICATIONS

KVR	145 - 8 KVR 5	145 - 10 KVR 5	145 - 12 KVR 5	170 - 8 KVR 5	170 - 10 KVR 5	170 - 12 KVR 5	170 - 14 KVR 5	170 - 8 KVR 6	170 - 10 KVR 6	170 - 12 KVR 6	170 - 14 KVR 6
Extended Height (m / ft.)	8.0 / 26.2	10.0 / 32.8	12.0 / 39.3	8.0 / 26.2	10.0 / 32.8	10.0 / 32.8	14.0 / 46.0	8.0 / 26.2	10.0 / 32.8	12.0 / 39.3	14.0 / 45.0
Nested Height (m / ft.)	2.2 / 7.2	2.6 / 8.5	3.0 / 9.9	2.2 / 7.2	2.6 / 8.5	3.0 / 9.9	3.4 / 11.2	2.0 / 6.6	2.3 / 7.6	2.7 / 8.9	3.0 / 9.9
Payload Capacity (kg / lb)	50 / 110	45 / 99	40 / 88	50 / 110	50 / 110	45 / 99	40 / 88	50 / 110	45 / 99	40 / 88	40 / 88
Approximate Mast Weight (kg / lb)	67 / 148	74 / 163	80 / 176	82 / 181	91 / 201	100 / 220	109 / 240	80 / 176	88 / 194	96 / 212	104 / 229
Number of Sections	5	5	5	5	5	5	5	6	6	6	6

Additional sizes available. Specifications are for reference only and are subject to change. Please contact Will-Burt Germany Engineering for current and exact specifications. In addition to its masts, Will-Burt Germany also engineers and manufactures its own line of specialty single and double-axle military trailers, designed for maximum mobility with high payload capability and low curb weight.

COMMUNICATIONS / SURVEILLANCE

POSITIONIT PAN AND TILT POSITIONERS

for mobile applications

The PositionIt range of pan and tilt positioners are now available with **Continuous Rotation** panning operation. All PositionIt models include improved, next-generation control electronics and software while retaining the rugged reliability of the original PositionIt range. The updated PositionIt series is fully backwards compatible regarding connection points, electronics, and software with the previous generation. Improved motor control is assured with higher resolution speed control, slower minimum speeds, and user adjustable minimum speeds and speed ramps. The GUI for configuring and commissioning allows users to set and adjust many features that were originally factory set only. It also boasts many features such as the ability to receive positional feedback, set home position and limit stops and fault diagnostics.



POSITIONIT ESSENTIAL FEATURES

- Designed, manufactured, and tested to excel in mobile applications
 - Hardened metal gears
 - MIL-STD 810 certified by independent laboratory
- Strong, lightweight construction
 - Die-cast aluminum housing
 - Stainless steel fasteners
- Regenerative Braking
 - On motor shaft
- New Graphical User Interface (GUI)
 - Greater level of control with user set features
 - Faster set-up
 - Positional feedback
- More precise than ever
 - Higher level of motor control
 - Greater positional accuracy
- Flexible Connection
 - Bottom or side
- Universal mounting plate
 - Suitable for most common payloads
- Pelco-D over RS-485 Communications
- Weather-proof
 - IP 68 Rated
- Long Operational Life
- Backwards compatible
- 2 Year warranty

POSITIONIT CONTINUOUS ROTATION SPECIFICATIONS

Model	PI-35 CR	PI-75 CR	PI-150 CR
Payload Capacity* (Nm / ft lb)	35 / 47.45	75 / 101.68	150 / 203.37
Overall Height (in. / mm)	13.4 / 341	15.1 / 383.1	15.2 / 385.1
Overall Width (in. / mm)	10.7 / 273	11.3 / 287.02	14.6 / 370.84
Overall Depth	6.1 / 154.9	7.19 / 182.67	7.19 / 182.67
Weight (lb. / kg)	25.57 / 11.6	41.45 / 18.8	46.52 / 21.1
Operating Temperature	-40°C to 60°C / -40°F to 140°F		
Pan Degrees of Rotation	0° to 360° (Continuous Rotation)		
Tilt Degrees of Rotation	+90° / -90°		
Pan Speed (Proportional)	12° / second	6.5° / second	6.5° / second
Tilt Speed (Proportional)	12° / second	5.5° / second	5.5° / second
Backlash	≤ 0.15°		
Repeatability	≤ 0.3°		
Maximum Continuous Power	44 W		
Maximum Continuous Current	1.85 amps		
Input Voltage	24 VDC		
Protocol	Pelco D used (Pelco P available)		
Ingress Protection Rating	IP68		
Baud Rate	2,400 bps (Other Baud Rates Available)		

Cable Assembly Specification	
Connector Type	Circular Connector, 12 Way
Cable Type	10 Core Composite Cable
Voltage Rating	24v
Max Current Rating	3A
Temperature Range (°F / °C)	-40 to +80
Ingress Protection	IP68 Connector

*Capacity measured at 12 inches or less from the tilt axis. | Dimensions and weights are for reference only and are subject to change. Contact Will-Burt for current engineering specifications.

Pin-Out & Flying Lead Assignment			
Pin No.	PI CR Wire Identification / Color	Assignment	Maximum Current
A	N/A	N/A	N/A
B	Red	+ ve	3 A
C	Black	- ve	3 A
D	Green	Ground	1 A (24 AWG)
E	White/Brown	AUX Data	1 A (24 AWG)
F	Brown	AUX Data	1 A (24 AWG)
G	White/Yellow	Data B	N/A
H	Yellow	Data A	N/A
J	White/Blue	AUX Data	1 A (24 AWG)
K	N/A	N/A	N/A
L	COAX (RG179)	COAX (RG179-75 Ohm)	N/A
M	Blue	AUX Data	1 A (24 AWG)

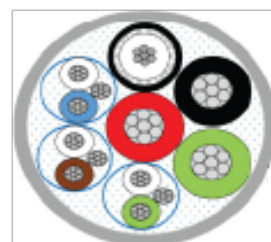


Image to show twisted pair data cables for clarity with pin-out table



Connector Face

POSITIONIT SPECIFICATIONS

PositionIt	PI-12	PI-35	PI-75	PI-150
Payload Capacity* (ft lb / Nm)	12 / 6	35 / 47	75 / 101	150 / 202
Overall Height (in. / mm)	8.9 / 225	9.7 / 246	11.32 / 287.7	11.32 / 287.7
Overall Width (in. / mm)	9.9 / 252	10.8 / 273	9.21 / 234	12.4 / 314
Overall Depth (in. / mm)	3.9 / 100	5.7 / 144	6.8 / 171	6.8 / 171
Weight (lb. / kg)	10 / 5	20 / 9	35 / 16	37 / 17
Operating Temperature (°F / °C)	-40 to 140 / -40 to 60			
IP Rating	IP68 - Waterproof			
Pan Axis	400° (± 200°)			
Pan Speed (proportional) (per second)	1 to 6°	1° to 12°	0.02° to 6.5°	0.02° to 6.5°
Tilt Axis	180° (± 90°)	180° (± 90°)	180° (± 90°)	180° (± 90°)
Tilt Speed (proportional) (per second)	1 to 6°	1° to 12°	0.02 to 5.5°	0.02 to 5.5°
Backlash	≤ 0.15°			
Repeatability	≤ 0.3°			
Maximum Continuous Power	44 W			
Maximum Running Current	1.85 amps			
Input Voltage	24 VDC - Converters available for 12 VDC and AC power sources			

*Capacity measured at 12 inches or less from the tilt axis. | Dimensions and weights are for reference only and are subject to change. Contact Will-Burt for current engineering specifications.

POSITIONER RACK MOUNT CONTROLLER

Works with Will-Burt Mobile and Static Positioners

The 19-inch (2U) Rack Mount Positioner Controller from Will-Burt is loaded with new features. You will always know the status of the positioner with real-time positional, speed, and status feedback. Control multiple positioners and third-party equipment with a single controller. This controller is optimized for positioners with stow and deploy buttons located on the front panel.

The latest Positioner Controller from Will-Burt will simplify deployment and operation of communications and video equipment.

ESSENTIAL FEATURES

- LCD Home Screen displays real-time positioner information
- LCD Selector Menu provides additional control functionality
- Control third-party equipment through (7) digital discrete outputs with USB and RS-485 inputs
- Control multiple positioners in single system through address selection
- Positioner control with front panel directional push buttons and configurable 'Stow' and 'Unstow' presets
- Pelco-D over RS-485 half-duplex output to positioner
- 100-240VAC input voltage with 24VDC output voltage to positioner

POSITIONER HANDHELD CONTROLLER

The Pelco-D compatible handheld controller with LED screen has all of the features necessary to optimize the performance of the PositionIt positioner. The precision 4D joystick controller flawlessly controls the pan and tilt functions. Includes LED screen, keyboard and programmable presets that simplify operation. The positioner handheld controller can also be optionally used in conjunction with the pan and tilt positioner controller.



COMMUNICATIONS / SURVEILLANCE

POSITIONIT®



PI-12



PI-35



PI-75



PI-150



SPECIFICATIONS

Input Voltage	100-240VAC
Output Voltage	24VDC
Communication Interface	Pelco-D over RS-485 half-duplex at 2400 bps
Operating Temperature (°C / °F)	0 to 50 / 32 to 122
Dimensions (cm / in.)	48.26 x 8.81 x 29 / 19 x 3.5 x 11.7
Weight (kg / lb.)	3 / 6.6

SPECIFICATIONS

Input Voltage	12V DC
Communication Interface	RS485
Operating Temperature (°C / °F)	0 - 55 / 15 - 131
Dimensions (L x W x H) (mm / in.)	458 x 150 x 107 / 6.2 x 5.9 x 4.2

COMMUNICATIONS

QUICK ERECTING ANTENNA MAST (QEAM)**Extended Heights up to 34.00m / Payload Capacity up to 80 kg**

Designed for manual or motorized operation, Will-Burt's QEAM (Quick Erecting Antenna Mast) Family of lightweight composite or aluminum masts elevate light payloads for ground-mounted or vehicle, trailer and shelter deployment.

Will-Burt's Screw Drive QEAM is a lightweight, high strength telescopic mast that offers a rigid, stable platform for elevating critical payloads.

SCREW DRIVE ESSENTIAL FEATURES

- Easy manual crank up
 - Reliable deployment without power
- Automatic locking collars
 - Locks at any desired height
- Patented latch mechanism
- Standard ground mounting kits with guylines and transport bag included
- Optional vehicle and shelter mounting kits available

The Strap Driven QEAM uses an internal strap wound between tube sections for mast elevation. Designed for manual operation, The Strap Drive QEAM has heavier payload weight-lifting capability, and is available in 21, 25, 30 and 34 meter heights.

STRAP DRIVE ESSENTIAL FEATURES

- Maintains azimuth - minimal twist deflection
 - Reliable full-length external keyways
- Positions payload at any height
 - Automatic locking collars - patented latch system
- Manual mechanical drive
 - Reliable deployment without power
- Automatic locking collars
 - Locks at any desired height with patented latch mechanism
- Mechanical stops
- Prevents over-extension
- Full length keys on sections
 - Prevents twist
- Maintenance free
 - Polymer drive nuts require no greasing
- Built in cable management
 - Cable loops added at collars
- Corrosion resistant
 - All parts are anodized aluminum & stainless steel
 - Drive crank is a completely sealed mechanism

SPECIFICATIONS

QEAM	TM 10 (Aluminum)	TM 21	TM 25	TM 30	TM 34
Extended Height (m / ft.)	10.0 / 32.8	21.0 / 68.9	25.0 / 82.0	30.0 / 98.4	34.0 / 111.5
Nested Height (m / ft.)	2.4 / 7.9	4.45 / 14.6	4.5 / 14.8	5.9 / 19.3	5.8 / 19.0
Payload Capacity (kg / lb)	7 / 15	80 / 180	68 / 150	68 / 150	50 / 110
Weight (Mast Only) (kg / lb)	42 / 19	90 / 197	100 / 220	114 / 250	121 / 265
Weight (Accessory Kit) (kg / lb)	24 / 52	111 / 245	125 / 275	125 / 275	125 / 275
Number of Sections	5	6	7	6	7
Guying	2 level / 3 way	4 level / 4 way	5 level / 4 way	5 level / 4 way	5 level / 4 way
Maximum Sail Area (m ² / ft. ²)	0.6 / 6 CD=1.5	0.6 / 6 CD=1.5	0.6 / 6 CD=1.5	0.6 / 6 CD=1.5	0.6 / 6 CD=1.5
Ice load (mm / in.)	12.7 / 0.5	12.7 / 0.5	12.7 / 0.5	12.7 / 0.5	12.7 / 0.5
*Maximum Erection Wind (km/h / mph)	40 / 25	40 / 25	40 / 25	40 / 25	40 / 25
Operational Wind (km/h / mph)	97 / 60	97 / 60	97 / 60	97 / 60	97 / 60
Survival Wind (km/h / mph)	128 / 80	128 / 80	128 / 80	128 / 80	128 / 80
Surface Mounting	±15° slope	±15° slope	±15° slope	±15° slope	±15° slope
Deployment Time	2 persons, 7.5 min	3 persons, 25 min	3 persons, 30 min	3 persons, 30 min	3 persons, 30 min
Drive System	Screw Drive	Strap Drive	Strap Drive	Strap Drive	Strap Drive
Finish	CARC Green	MIL-A-8625 Type II, CL 2 Black	MIL-A-8625 Type II, CL 2 Black	MIL-A-8625 Type II, CL 2 Black	MIL-A-8625 Type II, CL 2 Black

Specifications are for reference only and subject to change. Please contact Will-Burt Engineering for current and exact specifications. *Must be gayed for wind speeds over 25 mph / 40km/h



COMMUNICATIONS

CLARK QT SERIES PNEUMATIC MASTS

Extended Heights up to 15.00m
Payload Capacity up to 25kg

The QT Range of lightweight telescopic pneumatic masts are designed to be portable and erected quickly where they are required. Available in a wide range of heights from 3m to 15m and in a range of sizes to suit varying headloads. It is a highly versatile system capable of being field mounted using a folding tripod stand or field guy set. Equally at home when mounted to a vehicle or shelter, the QT Range is designed to be versatile. Made from high strength 16 swg aluminium tube to save weight, the QT Range is non keyed and each section is fitted with a locking collar. Headloads are quickly attached using the quick clamp 24mm socket.



MAST OPTIONS

- Rotatable / Non/Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch

MAST ACCESSORIES

(Field / Vehicle / Shelter Mount)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying



The QT Series Mk VI tripod folds vertically and is easy to carry and store. Suitable for non-rotatable masts up to 15m

SPECIFICATIONS

QT Series Models	QTL	QT	SQT	QTX
Extended Height (m / ft.)	6.0 / 19.6	10.0 / 32.8	15.0 / 49.2	15.0 / 49.2
Nested Height (m / ft.)	1.9 / 6.2	2.1 / 6.9	2.8 / 9.2	2.8 / 9.2
Payload Capacity (kg / lb)	4.5 / 10	10 / 22	22.5 / 50	25 / 55
Number of Sections	4	5	6	7
Base Tube Diameter (mm / in)	2.00 / 50.5	63.5 / 2.50	3.00 / 76.2	3.50 / 88.9
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional	Optional
Max. Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

COMMUNICATIONS

HURRY-UP PORTABLE PUSH UP TELESCOPING MAST

Extended Heights up to 9.00m / Payload Capacity up to 9 kg

The Hurry-Up manual push-up mast, can be extended to a full height of 30 feet (9 m) in one minute or less. The Hurry-Up mast features quick lock/release collars. Extend the mast manually by pushing up the sections and fixing them in position. This mast is ideal for fast deployment of light-weight antennas and instruments.

ESSENTIAL FEATURES

- Rigid Azimuth Locking Collars
 - Quick direction adjustments
- Black anodized finish
 - Corrosion resistant
- Simple design and operation
 - Manual push-up deployment, retraction, and locking of mast
 - Positional feedback

ACCESSORIES

(MOUNTING OPTION REQUIRED):

- Drive-on plate mounting
 - No guylines required
- Removable payload extension stub
 - Easy payload mounting
- External support brackets
 - Permanent vehicle mounting
- Hitch Mount
 - 2" Hitch – Removable



THREE DEPLOYMENT OPTIONS

Hitch Mount
2" Removable Hitch



Drive-On Plate
No Guylines Required



External Mount
Shelf and Support Brackets



SPECIFICATIONS

Hurry-Up Models	719900790	719901610	903614	710103010
Extended Height (m / ft.)	2.1 / 6.8	5.3 / 17.3	7.6 / 24.9	9.0 / 29.5
Nested Height (m / ft.)	1.0 / 3.2	1.6 / 5.3	1.8 / 5.9	2.0 / 6.6
Payload Capacity (kg / lb.)	9 / 20	9 / 20	9 / 20	9 / 20
Approximate Weight (kg / lb.)	7 / 15	9 / 19	13 / 29	16 / 36
Number of Sections	3	4	6	6
Tube Diameter (mm / in.)	89-67 / 3.50-2.625	89-57 / 3.50-2.25	89-38 / 3.50-1.50	89-38 / 3.50-1.50
Collar Type	Friction Locking	Friction Locking	Friction Locking	Friction Locking
Finish	Black Anodize, MIL-A-8625, Type II, Class 2	Black Anodize, MIL-A-8625, Type II, Class 2	Black Anodize, MIL-A-8625, Type II, Class 2	Black Anodize, MIL-A-8625, Type II, Class 2

CLARK PU SERIES

Extended Heights up to 11.40m / Payload Capacity up to 10 kg

The PU family of manually extended lightweight telescopic masts have been in service with defence forces worldwide since 1970. Standard PU masts have 8 telescopic sections constructed from high strength anodised aluminium alloy. The unique feature which identifies them is the simple crosspin, used to lock each mast section as extended.

The PU(X)-RC family consists of manually or pneumatically extended models with super locking collars instead of crosspins.

PUX masts with 88.9 mm / 3.5 in. base tube have been developed to carry heavier headloads and are available with or without Guy Controller.

Four standard extended heights are available, 6, 8, 10 and 12 metres. Other mast heights are available upon request.

All may be vehicle mounted and used (un)guyed or fully guyed when erected as a field mast.

PU MAST KIT CONTAINS:

(Field deployment kit)

- PU Mast
- Base
- Picket
- Spike
- Hammer
- Radius Line
- Lower Guy Assembly
- Upper Guy Assembly
- Equipment Box or Equipment Bag
- Canvas Cover
- Set of Tools
- Spare Cross Pins



SPECIFICATIONS

PU Series Models	PU5	PU8	PU10	PU12
Extended Height (m / ft.)	5.0 / 16.4	8.0 / 26.3	11.0 / 36.1	11.4 / 37.4
Nested Height (m / ft.)	1.05 / 3.4	1.40 / 4.6	1.68 / 5.5	1.86 / 6.1
Payload Capacity (kg / lb)	10 / 22	10 / 22	10 / 22	10 / 22
Base Tube Diameter (mm / in.)	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0
Collar Type	Locking with Cross Pin	Locking with Cross Pin	Locking with Cross Pin	Locking with Cross Pin
Guying	Included	Included	Included	Included
Standard Finish	NATO Green	NATO Green	NATO Green	NATO Green
Mast Sections	Dyed Green and Anodized	Dyed Green and Anodized	Dyed Green and Anodized	Dyed Green and Anodized



SURVEILLANCE / COMMUNICATIONS

CLARK NT SERIES PNEUMATIC MASTS

Extended Heights up to 12.00m

Payload Capacity up to 50 kg

The NT Series of pneumatic telescopic masts are compact and robust with a 88.9mm base tube diameter. The NT Series has maximum of five telescopic sections and locking collars for long-term deployment.



Clark NT Series



Clark ST Series

CLARK ST SERIES PNEUMATIC MASTS

Extended Heights up to 9.00m

Payload Capacity up to 30 kg

Lightweight pneumatic mast with keyed sections for fixed or rotational payloads.

MAST OPTIONS:

- Rotatable / Non-Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch

MAST ACCESSORIES:

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying
- Wheel handle
- Graduated collar
- Roof Trolley



Locking and Non-Locking versions available for Clark NT, ST, MT, & PT Series masts

SPECIFICATIONS

NT Series Models	NT-N 4	NT-N 5	NT-N 6
Extended Height (m / ft.)	8.0 / 26.3	10.0 / 32.8	12.0 / 39.4
Nested Height (m / ft.)	2.43 / 8.0	2.6 / 8.5	2.79 / 9.2
Payload Capacity (kg / lb)	30	20	9
Number of Sections	4	5	6
Base Tube Diameter (mm / in)	88.9 / 3.5	88.9 / 3.5	88.9 / 3.5
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

ST Series Models	STX-N 3	ST-N 4	ST-N 5
Extended Height (m / ft.)	9.01 / 29.6	9.00 / 29.5	9.15 / 30.0
Nested Height (m / ft.)	3.65 / 12.0	2.71 / 8.9	2.34 / 7.7
Payload Capacity (kg / lb)	30 / 66	20 / 44	9 / 20.0
Number of Sections	3	4	5
Base Tube Diameter (mm / in)	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

SURVEILLANCE / COMMUNICATIONS

CLARK NT / ST DAF SERIES

Extended Heights up to 12.35m / Payload Capacity up to 20 kg

THE DAF (Deployable Antenna Field Kit) Series of telescopic masts is based on the ST (76.2mm base tube) and NT (88.9mm base tube) Series masts. They are sold as a field kit complete with guy kit and field legs that when folded in, the mast can be easily carried by one or two persons depending upon the model. ST and NT masts are keyed to limit unwanted rotation. Optional Internal Extension Warning Switch available.

MAST KIT CONTAINS:

(FIELD MOUNT)

- DAF mast with tripod
- Guy Assembly
- Accessory bag
- Hammer
- Spikes
- Pickets

DAF Masts are ideal for rapid deployment of a wide variety of purposes



Communications



Site Security



Surveillance



Weather Station



SPECIFICATIONS

NT / ST DAF Series Models	DAF / ST 4	DAF / NT 4	DAF / NT 5
Extended Height (m / ft.)	9.01 / 29.6	9.00 / 29.5	9.15 / 30.0
Nested Height (m / ft.)	3.65 / 12.0	2.71 / 8.9	2.34 / 7.7
Payload Capacity (kg / lb)	20 / 44	20 / 44	20 / 44
Number of Sections	4	4	5
Base Tube Diameter (mm / in.)	76.2 / 3.0	88.9 / 3.5	88.9 / 3.5
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

SURVEILLANCE / COMMUNICATIONS

CLARK MT SERIES PNEUMATIC MASTS

Extended Heights up to 16.00m
Payload Capacity up to 30 kg

Portable and robust pneumatic mast, with keyed sections for fixed or rotational payloads. Deployed by handpump or compressor.

CLARK PT SERIES PNEUMATIC MASTS

Extended Heights up to 21.00m
Payload Capacity up to 60 kg

PT Series masts are medium duty telescopic pneumatic masts for communications, antenna, radars, cameras, and more. Many models are available with an internal electrical or video cable. PT masts are keyed to limit unwanted rotation.



Clark PT Series

MAST OPTIONS:

- Rotatable / Non-Rotatable
- Locking / Non-locking collars
- Foot pump / Hand pump / Compressor
- SuperTork for increased torsional stability
- Internal Extension Warning Switch

MAST ACCESSORIES:

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- External Mounting
- Internal Mounting
- Guying
- Wheel handle
- Graduated collar
- Roof Trolley



A four leg field set is available on the Clark NT, ST, MT, and PT Series masts:

- (1) Field leg collar with support rings and bubble level
- (2) Adjustable stepped legs
- (2) Adjustable plain legs
- (1) Field base plate with locking ring and ball base
- (4) Ground spikes
- (1) Wheel handles

SPECIFICATIONS

MT Series Models	MT-N 5	MT-N 6
Extended Height (m / ft.)	16.0 / 52.5	16.0 / 52.5
Nested Height (m / ft.)	4.02 / 13.2	3.50 / 11.5
Payload Capacity (kg / lb)	30 / 66	15 / 33
Number of Sections	5	6
Base Tube Diameter (mm / in.)	101.6 / 4.00	101.6 / 4.00
Collar Type	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional
Max. Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

PT Series Models	PT-NP 4	PT-NP 5	PT-NP 6	PT-NP 7
Extended Height (m / ft.)	7.00 / 23.0	18.23 / 59.8	15.32 / 50.2	21.02 / 69.0
Nested Height (m / ft.)	2.29 / 7.5	4.84 / 15.9	3.35 / 11.0	4.00 / 13.1
Payload Capacity (kg / lb)	60 / 132	50 / 110	30 / 66	20 / 44
Number of Sections	4	5	6	7
Base Tube Diameter (mm / in.)	114.3 / 4.50	114.3 / 4.50	114.3 / 4.50	114.3 / 4.50
Collar Type	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking	Locking / Non-Locking
Guying Required	Optional	Optional	Optional	Optional
Max. Operating Pressure	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)	30 PSIG (2.07 bar)

SURVEILLANCE / COMMUNICATIONS

CLARK QUADPOD PORTABLE HEAVY-DUTY TRIPOD

Extended Height up to 1.07m / Payload Capacity up to 250 kg

The Quad Pod is a rugged, lightweight torsionally stable platform for long range EO, laser and radar equipment. The adjustable legs can cope with a ground slope of up to 12 degrees.

No tools are required for assembly and it is deployed by 2 people in under 2 minutes.

QUADPOD CONTAINS:

- QuadPod with bag
- Leg assembly and bag

SPECIFICATIONS

QuadPod	
Extended Height (m / ft.)	1.07 / 3.5
Nested Height (m / ft.)	1.07 / 3.5
Payload Capacity (kg / lb)	250 / 551
Top Flange (mm / in)	240 / 9.45



CLARK QUADPOD PORTABLE PNEUMATIC FIELD MAST SYSTEM

Extended Heights up to 5.00m / Payload Capacity up to 220 kg

A highly portable telescopic mast system based on our Quadpod system using a WT / ZT / XT Series telescopic mast, extending up to 5.0m maximum and with up to a 220 kg headload. Fitted as standard with a 190 mm diameter flange.

QUADPOD CONTAINS:

- QuadPod with bag
- Leg assembly and bag

QUADPOD MAST SYSTEM CONTAINS:

- WT / ZT / XT Series Mast
- Guy kit
- QuadPod
- Storage bags
- Hand pump

SPECIFICATIONS

QuadPod Mast System	
Extended Height (m / ft.)	5.00 / 16.4
Nested Height (m / ft.)	1.13 / 3.7
Payload Capacity (kg / lb)	220 / 485
Base Tube Diameter (mm / in)	WT Series: 152.4 / 6.00 ZT Series: 177.8 / 7.00 XT Series: 203.2 / 8.00
Collar Type	Locking
Guying Required	Optional
Maximum Operating Pressure	30 PSIG (2.07 bar)



SURVEILLANCE / COMMUNICATIONS

CLARK TELESCOPIC & SECTIONAL MAST SYSTEMS

Extended Heights up to 40.00m /
Payload Capacity up to 560.0 kg

Sectional masts are fully portable mast systems, capable of being transported to wherever there is a requirement, mountain top, jungle or remote desert loactions. Packed in a series of carry bags, they can be air lifted in or driven in an off road vehicle.

Designed to be operated in many types of ground conditions, slopes up to 24 degrees are possible, sectional masts are manually operated requiring no power source as the mast sections are fed up through a guide box on 3 adjustable legs using a geared hoist. Guying is essential and the mast operates a system of guys keeping the mast guyed and safe at all times during erection and retraction. This system uses a winch controller system which allows one person to control all 3 guys at once.

**TYPE 72 AND TYPE 73 WINCH CONTROLLER SYSTEM**

The guy winch unit allows control of three guys by one person simultaneously.



Mast hoist for raising the mast sections, geared for ease of operation and reversed by push button brake with automatic centrifugal descent control brake.



Angled steel picket complete with shackles for attaching the snaphook of the guy pulley from the winch.



Large foot assembly for levelling the mast on sloping ground. The foot has holes for ground spikes.

SERIES 80 AND SERIES 90 WINCH CONTROLLER SYSTEM

Tubular picket with guy pulley attached. Tubular pickets can be driven into the ground and the guy wire is attached at the best height regardless of ground conditions.



Guy winch unit (shown leg mounted but can also be ground mounted). This allows control of three guys by one person simultaneously.

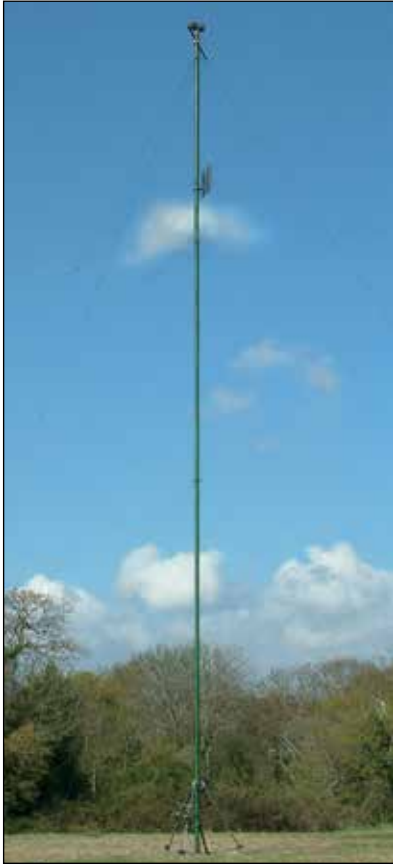


The brake arm assembly secures the mast assembly in the desired direction.



The mast hoist for raising the mast sections has two gears for heavier headloads. The hoist is only reversed by push-button brake with automatic centrifugal descent control.

**CLARK TELESCOPIC &
SECTIONAL MAST SYSTEMS**



SURVEILLANCE / COMMUNICATIONS

CLARK TYPE 72 SECTIONAL MAST**Extended Heights up to 20.20m /****Payload Capacity up to 55 kg**

Clark Type 72 sectional masts are deployed one at a time to the desired height using interlocking sections, allowing the mast to extend in conditions with high winds. All items and sections are stored in special bags and carriers for easy transportation to the required location.

CLARK TYPE 73 SECTIONAL MAST**Extended Heights up to 29.89m /****Payload Capacity up to 75 kg**

Clark Type 73 sectional masts are raised one at a time through the leg mounted mast guide box using the failsafe hoist and cross pin, giving the operator complete peace of mind. Guy wires are tensioned with the guy controllers, keeping the mast vertical and under tension at all times.

MAST OPTIONS

- Rotatable / Non/Rotatable
- Non-locking collars
- Payload Crane

MAST ACCESSORIES**(FIELD / VEHICLE / SHELTER MOUNT)**

- Four leg field set
- Tripod
- Guying



Type 72



Type 73

SPECIFICATIONS

Clark Type 72	72-8	72-10	72-12	72-15	72-18	72-20
Extended Height (m / ft.)	8.4 / 27.6	10.2 / 33.5	12 / 39.4	14.75 / 48.4	18.40 / 60.4	20.20 / 66.3
Payload Capacity (kg / lb)	55 / 121	50 / 110	45 / 99	40 / 88	35 / 77	30 / 66
Tube Diameter (mm / in.)	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0	76.2 / 3.0
Number of Sections	9	11	13	16	20	22
Standard Finish	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand
Mast Sections	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized

Clark Type 73	73-10	73-13	73-16	73-18	73-20	73-24	73-30
Extended Height (m / ft.)	10.37 / 34.0	12.81 / 42.0	16.47 / 54.0	17.69 / 58.0	20.13 / 66.0	23.79 / 78.1	29.89 / 98.1
Payload Capacity (kg / lb)	75 / 165	75 / 165	70 / 154	70 / 154	60 / 132	55 / 121	50 / 110
Tube Diameter (mm / in.)	101.6 / 4.0	101.6 / 4.0	101.6 / 4.0	101.6 / 4.0	101.6 / 4.0	101.6 / 4.0	101.6 / 4.8
Number of Sections	7	9	12	13	15	18	23
Standard Finish	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand
Mast Sections	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized

SURVEILLANCE / COMMUNICATIONS

CLARK SERIES 80 SECTIONAL MAST

Extended Heights up to 30.00m /
Payload Capacity up to 150 kg

The Clark Series 80 sectional mast is similar to the Type 73 with larger extended heights. Once fully extended, the tubular mast is supported at ground level by fully adjustable field legs and a universal ball joint. A rotation lever is operated to turn the mast and lock when the desired direction is found. Guying is by stainless steel wire ropes giving full support throughout high wind speeds.

CLARK SERIES 90 SECTIONAL MAST

Extended Heights up to 40.00m /
Payload Capacity up to 560 kg

The Clark Series 90 sectional mast is deployed using a 4-legged erection gear and centrally controlled guying system. Several masts can be erected using a single set of field legs, tube hoist and winch controllers, significantly reducing the need for multiple masts. A special version of the Series 90 sectional mast can extend up to 50m.

MAST OPTIONS

- Rotatable / Non/Rotatable
- Non-locking collars
- Payload Crane

MAST ACCESSORIES

(FIELD / VEHICLE / SHELTER MOUNT)

- Four leg field set
- Tripod (Series 80 only)
- Guying
- Quadpod (Series 90 only)



Series 80



Series 90

SPECIFICATIONS

Clark Series 80	80-10	80-12	80-16	80-18	80-20	80-25	80-30
Extended Height (m / ft.)	10.0 / 32.8	12.0 / 39.4	16.0 / 52.5	18.0 / 59.1	20.0 / 66.0	25.0 / 82.0	30.0 / 98.4
Vertical Payload Capacity (kg / lb)	125 / 275	125 / 275	120 / 265	120 / 265	120 / 265	110 / 243	100 / 221
Horizontal Payload Capacity (kg / lb)	150 / 330	130 / 286	120 / 265	110 / 243	100 / 221	80 / 176	70 / 154
Tube Diameter (mm / in.)	127.0 / 5.0	127.0 / 5.0	127.0 / 5.0	127.0 / 5.0	127.0 / 5.0	127.0 / 5.0	127.0 / 5.0
Number of Sections	8	10	13	15	17	20	25
Standard Finish	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand
Mast Sections	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized

Clark Series 90	90-10	90-16	90-20	90-24	90-30	90-40
Extended Height (m / ft.)	10.0 / 32.8	16.0 / 52.5	20.0 / 65.6	24.0 / 78.7	30.0 / 98.4	40.0 / 131.2
Vertical Payload Capacity (kg / lb)	300 / 661	280 / 617	250 / 992	230 / 881	200 / 441	100 / 220
Horizontal Payload Capacity (kg / lb)	560 / 1235	500 / 1102	450 / 992	400 / 882	300 / 661	200 / 441
Tube Diameter (mm / in.)	152.4 / 6.0	152.4 / 6.0	152.4 / 6.0	152.4 / 6.0	152.4 / 6.0	152.4 / 6.0
Number of Sections	5	8	10	12	15	20
Standard Finish	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand	NATO Green or Desert Sand
Mast Sections	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized	Dyed Green or Gold Anodized

COMMUNICATIONS

ANTENNAMAST MODEL AM2

Extended Heights up to 15.00m / Payload Capacity up to 45 kg

The AntennaMast model AM2 is a rugged, lightweight, man-portable, aluminum tripod mast designed for rapid payload deployment. The AM2 is extremely flexible and reliable and is capable of elevating multiple devices on a single mast.

PAYLOAD DEPLOYMENT OPTIONS

1. The EZ Raze™ system with cable winching device and safety brake enables the user to lift and lower heavier payloads in a safe and controlled manner without disassembling the mast system.
2. The mast tube lift winch provides a mechanical assist for the lifting of the mast tubes for heavier payloads.
3. The user is also able to elevate the mast tubes and payload by breach loading the tubes through the tripod center collar.

ESSENTIAL FEATURES

- Rapid set-up
 - Includes a tripod with two (2) built-in levels and large no-slip adjustment knobs that are easy to operate. Interlocking mast tubes allow for directional adjustment of the payload.
- Flexible
 - A variety of payload adaptors and accessories are available to accomplish diverse missions.
- Simple
 - No tools or special training are needed for deployment.
- Rugged
 - Designed to meet MIL-STD-810 for use in a variety of harsh environments.
- Durable
 - Components are constructed of aluminum and stainless steel and are covered by a two (2) year warranty.
- Complete system
 - AM2 system includes all components needed to safely deploy rated payload at selected height.
- Transportable
 - Every mast system comes with a rugged wheeled transport bag designed for easy unloading and loading.



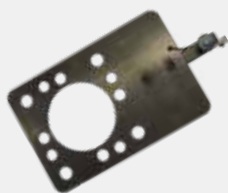
AM2 with EZ Raze Payload Elevation System

Easily elevate and lower multiple antennas and sensors

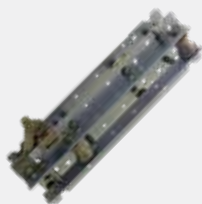


AM2 with Mast Tube Lift Winch

A full range of interchangeable accessories and payload adaptors are available for the AntennaMast
See willburt.com for complete model range



Nato Plate



EZ-Raze



Dual, Tri & Quad Arm Collar



Bolster Plate



Half Clamp

SPECIFICATIONS

AM2

Height (m / ft.)	Model #	Deployable Load (kg / lb.)	Deployment Method	Deployment Time	System Weight (kg / lb.)	Guying (Primary / Secondary)	Wind Survival Speed (km/h / mph)
15.0 / 49.2	715061500	9.1 / 20	Manual	20-30 (2-4 persons)	47 / 103.6	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
14.0 / 45.9	715061400	11.3 / 25	Manual	15-20 (1-3 persons)	45.6 / 100.5	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
13.0 / 42.7	715061300	13.6 / 30	Manual	15-20 (1-3 persons)	44 / 97	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
12.0 / 39.4	715061200	15.9 / 35	Manual	15-20 (1-3 persons)	42.5 / 93.8	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
11.0 / 36.1	715061100	18.1 / 40	Manual	15-20 (1-3 persons)	41.1 / 90.5	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
10.0 / 32.8	715061000	22.7 / 50	Manual	15-18 (1-3 persons)	39.6 / 87.3	Top / Mid Guying Optional	113 / 70 @ 6.0 ft. ²
9.0 / 29.5	715060900	24.9 / 55	Manual	15-18 (1-3 persons)	38.1 / 84	Top	113 / 70 @ 6.0 ft. ²
8.0 / 26.2	715060800	24.9 / 55	Manual	15-18 (1-3 persons)	36.7 / 80.8	Top	113 / 70 @ 6.0 ft. ²
7.0 / 23	715060700	27.2 / 60	Manual	10-18 (1-2 persons)	35.2 / 77.6	Top	113 / 70 @ 6.0 ft. ²
6.0 / 19.7	715060600	27.2 / 60	Manual	10-18 (1-2 persons)	33.7 / 74.3	Top	113 / 70 @ 6.0 ft. ²
5.0 / 16.4	715060500	29.5 / 65	Manual	5-10 (1-2 persons)	32.2 / 71	Top	113 / 70 @ 6.0 ft. ²
4.0 / 13.1	715060400	34 / 70	Manual	5-10 (1-2 persons)	30.8 / 67.8	Top	113 / 70 @ 6.0 ft. ²
3.0 / 9.8	715060300	38.6 / 85	Manual	5-10 (1-2 persons)	29.3 / 64.6	Top	113 / 70 @ 6.0 ft. ²
2.0 / 6.6	715060200	45.4 / 100	Manual	5-10 (1-2 persons)	27.8 / 61.3	Top	113 / 70 @ 6.0 ft. ²

AM2 WITH MAST TUBE LIFT WINCH

Height (m / ft.)	Model #	Deployable Load (kg / lb.)	Deployment Method	Deployment Time	System Weight (kg / lb.)	Guying (Primary / Secondary)	Wind Survival Speed (km/h / mph)
15.0 / 49.2	715071500	9.1 / 20	Lift Winch	20-30 (2-4 persons)	50.2 / 110.6	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
14.0 / 45.9	715071400	11.3 / 25	Lift Winch	15-20 (1-3 persons)	48.8 / 107.5	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
13.0 / 42.7	715071300	13.6 / 30	Lift Winch	15-20 (1-3 persons)	47.4 / 104.5	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
12.0 / 39.4	715071200	15.9 / 35	Lift Winch	15-20 (1-3 persons)	45.7 / 100.8	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
11.0 / 36.1	715071100	18.1 / 40	Lift Winch	15-20 (1-3 persons)	44.2 / 97.5	Top / Mid Guying Optional	113 / 70 @ 4.0 ft. ²
10.0 / 32.8	715071000	22.7 / 50	Lift Winch	15-18 (1-3 persons)	42.8 / 94.3	Top / Mid Guying Optional	113 / 70 @ 6.0 ft. ²
9.0 / 29.5	715070900	24.9 / 55	Lift Winch	15-18 (1-3 persons)	41.3 / 91	Top	113 / 70 @ 6.0 ft. ²
8.0 / 26.2	715070800	24.9 / 55	Lift Winch	15-18 (1-3 persons)	39.8 / 87.8	Top	113 / 70 @ 6.0 ft. ²
7.0 / 23	715070700	27.2 / 60	Lift Winch	10-18 (1-2 persons)	38.4 / 84.6	Top	113 / 70 @ 6.0 ft. ²
6.0 / 19.7	715070600	27.2 / 60	Lift Winch	10-18 (1-2 persons)	36.9 / 81.3	Top	113 / 70 @ 6.0 ft. ²
5.0 / 16.4	715070500	29.5 / 65	Lift Winch	5-10 (1-2 persons)	35.4 / 78	Top	113 / 70 @ 6.0 ft. ²
4.0 / 13.1	715070400	34 / 75	Lift Winch	5-10 (1-2 persons)	33.9 / 74.8	Top	113 / 70 @ 6.0 ft. ²
3.0 / 9.8	715070300	38.6 / 85	Lift Winch	5-10 (1-2 persons)	32.5 / 71.6	Top	113 / 70 @ 6.0 ft. ²
2.0 / 6.6	715070200	45.4 / 100	Lift Winch	5-10 (1-2 persons)	31 / 68.3	Top	113 / 70 @ 6.0 ft. ²

AM2 WITH EZ RAZE PAYLOAD ELEVATION SYSTEM

Height (m / ft.)	Model #	Deployable Load (kg / lb.)	Deployment Method	Deployment Time	System Weight (kg / lb.)	Guying (Primary / Secondary)	Wind Survival (km/h / mph)
15.0 / 49.2	715191500	22.7 / 50	Carriage	20-30 (2-4 persons)	52.4 / 115.6	Top	113 / 70 @ 1.0 ft. ²
14.0 / 45.9	715191400	24.9 / 55	Carriage	15-18 (1-3 persons)	51 / 112.5	Top	113 / 70 @ 2.0 ft. ²
13.0 / 42.7	715191300	27.2 / 60	Carriage	15-18 (1-3 persons)	49.5 / 109.1	Top	113 / 70 @ 3.0 ft. ²
12.0 / 39.4	715191200	29.5 / 65	Carriage	15-18 (1-3 persons)	48 / 105.9	Top	113 / 70 @ 4.0 ft. ²
11.0 / 36.1	715191100	31.8 / 70	Carriage	15-18 (1-3 persons)	46.5 / 102.6	Top	113 / 70 @ 4.0 ft. ²
10.0 / 32.8	715191000	34 / 75	Carriage	15-18 (1-3 persons)	45.1 / 99.4	Top	113 / 70 @ 6.0 ft. ²
9.0 / 29.5	715190900	34 / 75	Carriage	15-18 (1-3 persons)	43.6 / 96.1	Top	113 / 70 @ 6.0 ft. ²
8.0 / 26.2	715190800	34 / 75	Carriage	15-18 (1-3 persons)	42.1 / 92.9	Top	113 / 70 @ 6.0 ft. ²
7.0 / 23	715190700	34 / 75	Carriage	10-18 (1-2 persons)	40.6 / 89.6	Top	113 / 70 @ 6.0 ft. ²
6.0 / 19.7	715190600	34 / 75	Carriage	10-18 (1-2 persons)	39.2 / 86.4	Top	113 / 70 @ 6.0 ft. ²
5.0 / 16.4	715190500	34 / 75	Carriage	5-10 (1-2 persons)	37.7 / 83.1	Top	113 / 70 @ 6.0 ft. ²
4.0 / 13.1	715190400	34 / 75	Carriage	5-10 (1-2 persons)	36.2 / 79.9	Top	113 / 70 @ 6.0 ft. ²
3.0 / 9.8	715190300	34 / 75	Carriage	5-10 (1-2 persons)	34.7 / 76.6	Top	113 / 70 @ 6.0 ft. ²

COMMUNICATIONS

EXPEDITION SERIES

Extended Heights up to 18.30m

Payload Capacity up to 18 kg

The lightest, most stable, single-man portable field mast in the world.

The Will-Burt Expedition Series offers a variety of added features for increased performance and convenience. The system includes a 150mm diameter payload adapter. The Ranger™ Mast has a large tripod base, making the mast very stable. It is erected with 1.2m / 4.0 ft. tube sections to heights from 2.5m / 8.0 ft. to 18.3m / 60.0 ft. A custom payload interface can be designed to fit specific needs. The Expedition Series tripod and mast are constructed of carbon composite material.

ESSENTIAL FEATURES

- Lighter weight than aluminum
 - Easier to transport and deploy
- Stronger
 - More durable - won't bend or break
- Stiffer
 - More stable for payloads
- Quicker, easier set-up and retraction
 - Faster deployment
- Easier transportability
 - Two compact transport pack options allow you to select the best one to fit your deployment needs
- Large, adjustable Tripod
- Friction Locks for height adjustment
- Ergonomic Tube Lifter
- Two Highly Visible Bubble Levels



A full range of interchangeable accessories and payload adaptors are available for the Expedition Series

See willburt.com for complete model range



EZ-Raze



Rigid Guy Collar



Swivel 4-point Guy Collar



Cup Holder



Multi-Use Adapter Plate

SPECIFICATIONS

RANGER MAST

Height (m / ft.)	Model #	Deployable Load (kg / lb.)	Deployment Method	Deployment Time	System Weight (kg / lb.)	Guying (Primary / Secondary)	Wind Survival (km/h / mph)
18.3 / 60	714076000	2.3 / 5	Manual	20-30 (2-4 persons)	40.8 / 90	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
17.1 / 56	714075600	2.3 / 5	Manual	20-30 (2-4 persons)	39.5 / 87	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
15.8 / 52	714075200	4.5 / 10	Manual	15-20 (1-3 persons)	38.1 / 84	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
14.6 / 48	714074800	4.5 / 10	Manual	15-20 (1-3 persons)	37.2 / 82	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
13.4 / 44	714074400	6.8 / 15	Manual	15-20 (1-3 persons)	35.8 / 79	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
12.2 / 40	714074000	9.1 / 20	Manual	15-18 (1-3 persons)	33.1 / 73	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
11 / 36	714073600	11.3 / 25	Manual	15-18 (1-3 persons)	31.8 / 70	Top / Mid Guying Optional	113 / 70 @ 2.0 ft. ²
9.8 / 32	714073200	13.6 / 30	Manual	15-18 (1-3 persons)	30.8 / 68	Top	113 / 70 @ 4.0 ft. ²
8.5 / 28	714072800	15.9 / 35	Manual	10-18 (1-2 persons)	29.5 / 65	Top	113 / 70 @ 4.0 ft. ²
7.3 / 24	714072400	18.1 / 40	Manual	10-18 (1-2 persons)	28.6 / 63	Top	113 / 70 @ 4.0 ft. ²
6.1 / 20	714072000	18.1 / 40	Manual	5-10 (1-2 persons)	27.2 / 60	Top	113 / 70 @ 4.0 ft. ²
4.9 / 16	714071600	18.1 / 40	Manual	5-10 (1-2 persons)	26.3 / 58	Top	113 / 70 @ 4.0 ft. ²
3.7 / 12	714071200	18.1 / 40	Manual	5-10 (1-2 persons)	25.4 / 56	Top	113 / 70 @ 4.0 ft. ²

RANGER MAST WITH EZ RAZE PAYLOAD ELEVATION SYSTEM

Height (m / ft.)	Model #	Deployable Load (kg / lb.)	Deployment Method	Deployment Time	System Weight (kg / lb.)	Guying (Primary / Secondary)	Wind Survival (km/h / mph)
18.3 / 60	714176000	13.6 / 30	Carriage	20-30 (2-4 persons)	52.2 / 115	Top	80 / 50 @ 1.0 ft. ²
17.1 / 56	714175600	15.9 / 35	Carriage	20-30 (2-4 persons)	51.3 / 113	Top	96 / 60 @ 4.0 ft. ²
15.8 / 52	714175200	15.9 / 35	Carriage	15-20 (1-3 persons)	49.9 / 110	Top	96 / 60 @ 1.5 ft. ²
14.6 / 48	714174800	18.1 / 40	Carriage	15-20 (1-3 persons)	49 / 108	Top	113 / 70 @ 1.5 sq. ft.
13.4 / 44	714174400	18.1 / 40	Carriage	15-20 (1-3 persons)	47.6 / 105	Top	113 / 70 @ 2.0 ft. ²
12.2 / 40	714174000	18.1 / 40	Carriage	15-18 (1-3 persons)	44.9 / 99	Top	113 / 70 @ 3.0 ft. ²
11 / 36	714173600	18.1 / 40	Carriage	15-18 (1-3 persons)	43.5 / 96	Top	113 / 70 @ 4.0 ft. ²
9.8 / 32	714173200	18.1 / 40	Carriage	15-18 (1-3 persons)	42.6 / 94	Top	113 / 70 @ 4.0 ft. ²
8.5 / 28	714172800	18.1 / 40	Carriage	10-18 (1-2 persons)	41.3 / 91	Top	113 / 70 @ 4.0 ft. ²
7.3 / 24	714172400	18.1 / 40	Carriage	10-18 (1-2 persons)	40.4 / 89	Top	113 / 70 @ 4.0 ft. ²
6.1 / 20	714172000	18.1 / 40	Carriage	5-10 (1-2 persons)	39 / 86	Top	113 / 70 @ 4.0 ft. ²
4.9 / 16	714171600	18.1 / 40	Carriage	5-10 (1-2 persons)	38.1 / 84	Top	113 / 70 @ 4.0 ft. ²
3.7 / 12	714071200	18.1 / 40	Carriage	5-10 (1-2 persons)	37.2 / 82	Top	113 / 70 @ 4.0 ft. ²



SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

WILL-BURT INTEGRATION & ELEVATION SYSTEMS

The Will-Burt Company, with the acquisition of Aluma Tower and Integrated Tower Systems (ITS) now offers integrated Telescoping Steel and Aluminum Tower Systems AND Telescoping Mast Systems – an elevation solution for every need! Will-Burt is a global leader in the design, manufacture, sales and rental of an extensive and affordable line of rapid-deployment Mobile Tower & Mast Systems; Tower & Mast Integrated Trailers, Trucks, Cell-on-Wheels (COWs), and Mast-, Satellite- and Tower-Integrated Mobile Command and Communication Centers. This state-of-the-art equipment is designed specifically to support a global contingent of clientele representing the following industries:

- Telecommunications, Infrastructure Development / Restoration; Tower Owners/Operators Multi-media, Broadcasting
- First Responder, Public Safety and Emergency Management; Law Enforcement, Incident Command, Search & Rescue
- National Security / Homeland Defense, Domestic & Foreign Military Initiatives; Tactical, Support Functions, and Counter UAS
- Border Security, Immigration and Customs Enforcement; Disaster Preparedness/Emergency Response
- Geophysical, Oil & Gas and Alternative Energy; Meteorological, Frequency and Weapon Systems Testing
- Transportation, Aviation, Aerospace and Construction; Entertainment, Logistics, Engineering, Municipal & Corporate Programs
- Global Support of Special Events; Political, Commercial, Industrial, Sporting, Civic and Numerous other Industries

Will-Burt's innovative rapid response systems are manufactured to both civilian and defense specifications and built to withstand many of the world's most demanding environments. Will-Burt controls every aspect of manufacture and assembly through an ISO 9001:2015 certified quality management system in all manufacturing locations. Will-Burt's engineering expertise and vertical integration capabilities allow for efficient COTS products and unique custom designs for the seamless installation of common or client-specific technologies, or pre-integrated with a Will-Burt or client-furnished Communications, Surveillance, or Counter UAS Solution. Will-Burt's rapidly deployed systems are proven key components in establishing the flow of vital information from remote and urban areas of need.



Steel Telescoping Tower
Integrated Trailer System



Telescoping Pneumatic Mast
Integrated Trailer System



Aluminum Telescoping Tower
Integrated Trailer System

COMMON APPLICATIONS

- | | | | |
|---|--|--|------------------------|
| • Border Security | • Lighting | • Sensor Applications | • Telecommunications |
| • Counter UAS | • Surveillance | • Systems Testing | • Temporary Cell Site |
| • Disaster Recovery /
Emergency Response | • Remote Communications
Site Security | • Energy Exploration /
Production Sites | • Lightning Protection |
| | | | • Broadcast |

INTEGRATED TELESCOPING STEEL TOWER SYSTEMS

Unguyed & Guyed Extended Heights up to 39.60m
Standard Payloads up to 250 kg | Upgraded Payloads up to 284 kg

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

Unguyed & Guyed Heights (m / ft.)						
11.6 / 38	16.8 / 55	21.9 / 72	27.1 / 89	32.3 / 106	36.6 / 120	39.6 / 130
Tower Capacity (kg / lb.)						
Standard Payloads: Up to: 250 / 550				Upgraded Payloads: Up to: 284 / 625		

SRS-C SERIES – PORTABLE TOWER TRAILER



SR SERIES – MOBILE TOWER TRAILER (Multiterrain Configuration)



IT SERIES – MOBILE TOWER TRAILER (Urban Configuration)



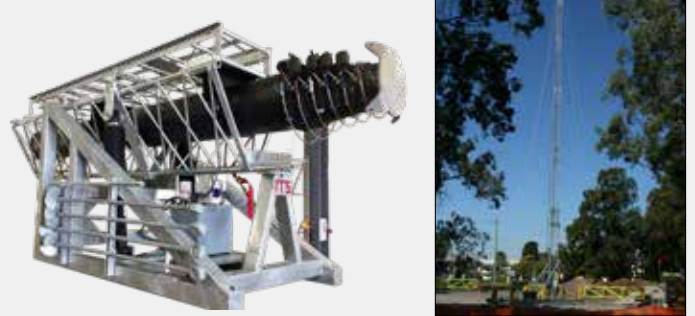
NC/SR SERIES – CELL-ON-WHEELS (COW) TOWER TRAILER



TMT SERIES – TRUCK MOUNTED TOWER SYSTEM



SKD SERIES – SKID MOUNTED



Representative Sample – Contact Will-Burt for Additional Options

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

INTEGRATED TELESCOPING MAST SYSTEMS

Unguyed & Guyed Extended Heights up to 36.00m | Tower Payload Capacity up to 544 kg

Unguyed & Guyed Heights (m / ft.)	Tower Payload Capacity (kg / lb.)
Ranges: 9 / 130 to 36 / 120	Up to: 544 / 1,200

RAPID DEPLOYMENT ELEVATION SYSTEM (RD-ES)





For additional details, download our Mobile Elevation Systems brochure or visit willburt.com

COW SERIES – TRAILER MOUNTED MAST
(Vertical Mast Installation)



ULTRA MAST - INTEGRATED SURVEILLANCE SYSTEM



RD-S SERIES & RD-T SERIES – TRAILER MOUNTED MAST (Multiterrain Configuration)



RD-S Series - Single Axle

RD-T Series - Tandem Axle

LC SERIES & MT SERIES – TRAILER MOUNTED MAST (Urban Configuration)



LC Series - Single Axle

MT Series - Tandem Axle

Representative Sample – Contact Will-Burt for Additional Options

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

INTEGRATED TELESCOPING ALUMINUM TOWER SYSTEMS

Unguyed Extended Heights up to 32.00m | Guyed Extended Heights up to 28.00m
Unguyed Tower Payloads up to 272 kg | Guyed Tower Payloads up to 124 kg

Unguyed Heights (m / ft.)	Guyed Heights (m / ft.)
Ranges: 11.8 / 39 to 32 / 106	Ranges: 11.8 / 39 to 28 / 92
Unguyed Tower Capacity (kg / lb.)	Guyed Tower Capacity (kg / lb.)
Ranges: 158 / 350 to 272 / 600	Ranges: 22 / 50 to 124 / 275

Patented Radical Pressure Slide Bar System

Increases tower stability
by reducing tower section
movement when deployed.



TM53-70 SUPER SCORPION



TM55-90



Self-Monitoring Systems available with SMARTtower® technology

Automatically retracts tower
or sends SMS message in
severe weather allowing you
to make the final decision.

S812 WITH SHELTER



TM12



CUSTOM SOLUTIONS



SKID SYSTEM



Representative Sample – Contact Will-Burt for Additional Options

TRANSPORT

TACTICAL MILITARY TRAILERS

Will-Burt Germany's Family of Light and Medium-Weight Tactical Trailers is used by the German Army and other international forces to enhance mobility and logistics capabilities throughout the battlefield. These trailer systems are especially designed for missions involving extraordinary burdens in extreme and arduous terrain.

The Will-Burt Germany development department is able to fulfil the special requirements of military customers and deliver high-capacity standard solutions as well as special customized trailer systems.

Years of experience in producing trailer systems as well as close cooperation with international forces and procurement agencies makes it possible to offer the best possible trailer solutions. High payloads by low basic weights, maximum cross-country mobility, long life-expectancy and low maintenance requirements are the characteristics of all Will-Burt Germany Tactical Trailers.



ESSENTIAL FEATURES

- Maximum mobility - Developed for the most difficult off-road terrain
- Maximum payloads
- Maximum mechanical load capacities
- "Off-the-shelf" solutions as well as special customized trailer solutions
- Designed for Power Generators, Water Preparation Systems, Communication Systems, Mast Systems, NBC-equipment, ATV's, Command Post Equipment
- Long life expectancy and minimal maintenance costs
- Scenario optimized and mission tested by German Army and other forces



SPECIFICATIONS

Model	1.0 MT 2-wheeled	1.7 MT 2-wheeled	5 MT 4-wheeled
Transport Platform (m / ft.)	2.7 x 1.5 / 8.9 x 4.9	2.2 / 7.2 x 1.9 / 6.2	x
Weight (kg / lb.)	1,350 / 2,976 /	1,700 / 3,747	6,000 / 13,228
Air Transport	CH-53 / C-160	CH-53 / C-160	x

*Consult factory for larger sail area as payload and wind capacities may be reduced. Specifications subject to change.

SURVEILLANCE

MAST AND TILT SYSTEMS

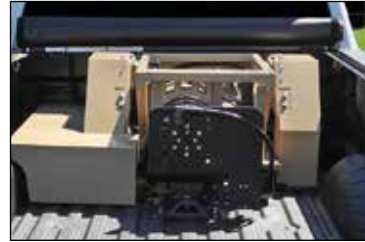
for Trailers, Trucks, and Shelters

Heights up to 8.70m / Payload Capacity up to 181 kg

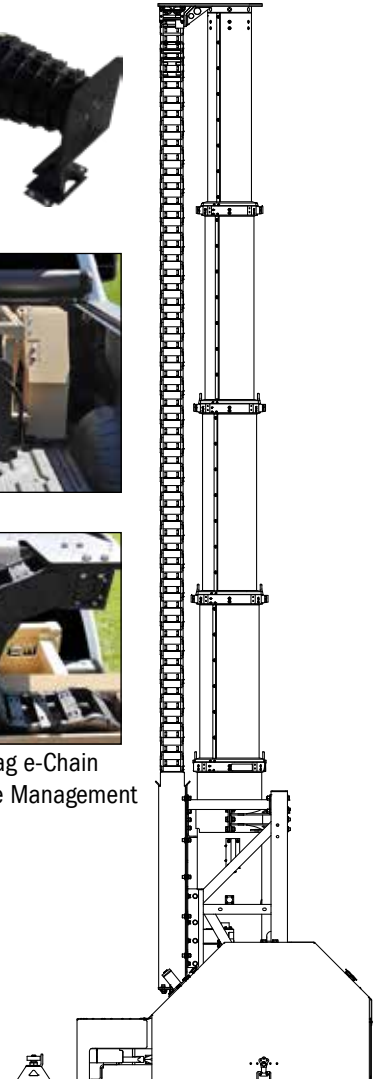
COMPACT ELEVATION SYSTEM (CES)

ESSENTIAL FEATURES

- Compact
 - Elevation system and payload fits within 2.4m / 8 ft. full-size pickup bed envelope with 4m and 6m masts
 - Up to 0.7m³ / 24.7 ft³ available space for the sensor payload
 - Designed for transport while in horizontal or vertical positions (with mast stowed)
 - 30 second tilt time
- Minimized mast twist
 - Full-length mast section keys and keyways
- Strong and Robust
 - No need for guying with field-proven rugged telescoping mast design
- Flexible Installation
 - Skid design allows for installation on a variety of platforms (truck, trailer, shelter)
 - Available with a variety of Will-Burt mechanical telescoping masts
 - Standard Equipment Zig Zag e-Chain cable management system is compact and consumes no payload space
- Integrated Controls
 - Fully integrated control system
 - PC control capable
 - CAN-bus J1939 / RS485 Serial



Zig Zag e-Chain Cable Management



SPECIFICATIONS

CES Models	4.0m Stiletto AL	6.0m Stiletto AL	8.54m Stiletto AL	4.0m Stiletto AL HD	6.0m Stiletto AL HD
Stowed Dimensions (L x W x H) (in. / mm)	54.0 x 53.1 x 21.8 / 1372 x 1349 x 555	65.8 x 53.1 x 21.8 / 1672 x 1349 x 555	77.7 x 53.1 x 21.8 / 1973 x 1349 x 555	54.0 x 53.1 x 21.8 / 1372 x 1349 x 555	65.8 x 53.1 x 21.8 / 1672 x 1349 x 555
Extended Height (ft. / m)	13.7 / 4.1	20.2 / 6.1	28.6 / 8.7	13.7 / 4.1	20.2 / 6.1
Payload Capacity (lb / kg)	400 / 181	400 / 181	390 / 176	600 / 272	550 / 249
Telescopic Mast Type	Aluminum Mechanical Screw-Drive with Patented Automatic Locks			Aluminum Mechanical Screw-Drive with Patented Automatic Locks	
Survival Wind Speed (mph / km/h)	81 / 130	81 / 130	72 / 116	81 / 130	81 / 130
Deployment Wind Speed (mph / km/h)	40 / 65	40 / 65	36 / 58	40 / 65	40 / 65
Tilt Up / Mast Deploy / Mast Retract / Tilt Down / Total Cycle Time / Approximate - Payload Dependent	50 / 35 / 35 / 45 / 165 seconds	50 / 60 / 60 / 45 / 215 seconds	50 / 100 / 100 / 45 / 295 seconds	50 / 45 / 45 / 45 / 185 seconds	50 / 65 / 65 / 45 / 225 seconds
Rotation Accuracy (Twist)	+/-1°	+/-1°	+/-1°	+/-0.7°	+/-0.7°
Voltage (MIL-STD 1275)	28 VDC	28 VDC	28 VDC	28 VDC	28 VDC
*Typical Payload Sail Area (ft. ² / m ²)	17 / 1.58 CD=1.5	12 / 1.11 CD=1.5	11 / 1.02 CD=1.5	17 / 1.58 CD=1.5	12 / 1.11 CD=1.5
CES + Mast Weight (lb / kg)	1,040 / 472	1,089 / 494	1,139 / 517	1,110 / 504	1,175 / 533
Integrated System Control	CAN-bus J1939, RS485 Serial, PC Control Capable			CAN-bus J1939, RS485 Serial, PC Control Capable	
MIL-STD 810 Design	Yes	Yes	Yes	Yes	Yes
Optional Cable Management Available	Yes	Yes	Yes	Yes	Yes

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

MAST AND TILT SYSTEMS

for Trailers, Trucks, and Shelters

Heights up to 15.00m / Payload Capacity up to 272 kg

AUTOMATIC MAST TILT SYSTEM (AMTS)

ESSENTIAL FEATURES

- Strong and Robust
 - Designed for transport while in horizontal or vertical positions (with mast stowed)
 - No need for guying with field-proven rugged telescoping mast design
 - 45 second tilt time
- Minimized mast twist
 - Full-length mast section keys and keyways
- Flexible Installation
 - Skid design allows for installation on a variety of platforms (truck, trailer, shelter)
 - Available with a variety of Will-Burt mechanical telescoping masts
 - Optional Zig Zag e-Chain or Nycoil cable management systems
- Integrated Controls
 - Fully integrated control system
 - PC control capable
 - CAN-bus J1939 / RS485 Serial



Integrated Control System



Nycoil Cable Management



MAST AND TILT SYSTEMS

for Trailers, Trucks, and Shelters

AUTOMATIC MAST TILT SYSTEM (AMTS)**SPECIFICATIONS**

AMTS with Stiletto AL	4.0m Stiletto AL	6.0m Stiletto AL	8.5m Stiletto AL	10.0m Stiletto AL	15.0m Stiletto AL
Stowed Dimensions (L x W x H) (mm / in.)	1758.9 x 920.7 x 933.8 / 69.25 x 36.25 x 36.76	1758.9 x 920.7 x 933.8 / 69.25 x 36.25 x 36.76	2032.5 x 920.7 x 933.8 / 80.02 x 36.25 x 36.76	2252.5 x 920.7 x 933.8 / 88.68 x 36.25 x 36.76	2777.4 x 920.7 x 933.8 / 109.37 x 36.25 x 36.76
Extended Height (m / ft.)	4.1 / 13.7	6.1 / 20.2	8.7 / 28.5	10.1 / 33.3	15.1 / 49.7
Payload Capacity (kg / lb)	181 / 400	181 / 400	181 / 400	181 / 400	158 / 350
Telescopic Mast Type	Electro-Mechanical				
Survival Wind Speed (km/h / mph)	209 / 130	185 / 115	129 / 80	129 / 80	100 / 62
Deployment Wind Speed (km/h / mph)	64 / 40	64 / 40	56 / 35	56 / 35	48 / 30
Tilt Up / Mast Deploy / Mast Retract / Tilt Down / Total Cycle Time / Approximate - Payload Dependent	45 / 35 / 35 / 45 / 160 Seconds	45 / 60 / 60 / 45 / 210 Seconds	45 / 100 / 100 / 45 / 290 Seconds	45 / 100 / 100 / 45 / 290 Seconds	45 / 150 / 150 / 45 / 390
Rotation Accuracy (Twist)	+/-1°	+/-1°	+/-1°	+/-1°	+/-1°
Voltage (MIL-STD 1275)	28 VDC	28 VDC	28 VDC	28 VDC	28 VDC
*Typical Payload Sail Area (m ² / ft. ²)	1.58 CD=1.5 / 17	1.11 CD=1.5 / 12	1.02 CD=1.5 / 11	1.02 CD=1.5 / 11	.74 CD=1.5 / 8
AMTS + Mast Weight (kg / lb)	489 / 1075	511 / 1124	534 / 1174	548 / 1205	598 / 1315
Integrated System Control	CAN-bus J1939, RS485 Serial, PC Control Capable				
MIL-STD 810 Design	Yes	Yes	Yes	Yes	Yes
Optional Cable Management Available	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil

AMTS with Stiletto AL HD	4.0m Stiletto AL HD	6.0m Stiletto AL HD	8.5m Stiletto AL HD	10.0m Stiletto AL HD	12.0m Stiletto AL HD
Stowed Dimensions (L x W x H) (mm / in.)	1758.9 x 920.7 x 933.8 / 69.25 x 36.25 x 36.76	1758.9 x 920.7 x 933.8 / 69.25 x 36.25 x 36.76	2032.5 x 920.7 x 933.8 / 80.02 x 36.25 x 36.76	2252.5 x 920.7 x 933.8 / 88.68 x 36.25 x 36.76	2747.3 x 920.7 x 933.8 / 108.16 x 36.25 x 36.76
Extended Height (m / ft.)	4.1 / 13.7	6.1 / 20.2	8.7 / 28.5	10.1 / 33.3	39.9 / 12.1
Payload Capacity (kg / lb)	272 / 600	272 / 600	272 / 600	272 / 600	272 / 600
Telescopic Mast Type	Electro-Mechanical				
Survival Wind Speed (km/h / mph)	209 / 130	185 / 115	153 / 95	129 / 80	100 / 62
Deployment Wind Speed (km/h / mph)	64 / 40	64 / 40	64 / 40	64 / 40	64 / 40
Tilt Up / Mast Deploy / Mast Retract / Tilt Down / Total Cycle Time / Approximate - Payload Dependent	45 / 45 / 45 / 45 / 180 Seconds	45 / 65 / 65 / 45 / 220 Seconds	45 / 90 / 90 / 45 / 270 Seconds	45 / 105 / 105 / 45 / 300 Seconds	45 / 130 / 130 / 45 / 350 Seconds
Rotation Accuracy (Twist)	+/-7°	+/-7°	+/-7°	+/-7°	+/-7°
Voltage (MIL-STD 1275)	28 VDC	28 VDC	28 VDC	28 VDC	28 VDC
*Typical Payload Sail Area (m ² / ft. ²)	1.58 CD=1.5 / 17	1.11 CD=1.5 / 12	1.02 CD=1.5 / 11	1.02 CD=1.5 / 11	.74 CD=1.5 / 8
AMTS + Mast Weight (kg / lb)	520 / 1145	550 / 1210	579 / 1274	591 / 1300	628 / 1382
Integrated System Control	CAN-bus J1939, RS485 Serial, PC Control Capable				
MIL-STD 810 Design	Yes	Yes	Yes	Yes	Yes
Optional Cable Management Available	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil	Zig Zag e-Chain or Nycoil

*Consult factory for larger sail area as payload and wind capacities may be reduced. Specifications subject to change.

SURVEILLANCE / COMMUNICATIONS / COUNTER UAS

INTEGRATED TRAILER,
MAST AND TILT SYSTEMS

Will-Burt's Integration and Elevation Systems division has been constructing integrated mobile elevation platforms for over 50 years. Will-Burt's engineering and manufacturing capabilities, guided by ISO 9001:2015 standards, produce the best and most consistent performing products in the industry.

ESSENTIAL FEATURES

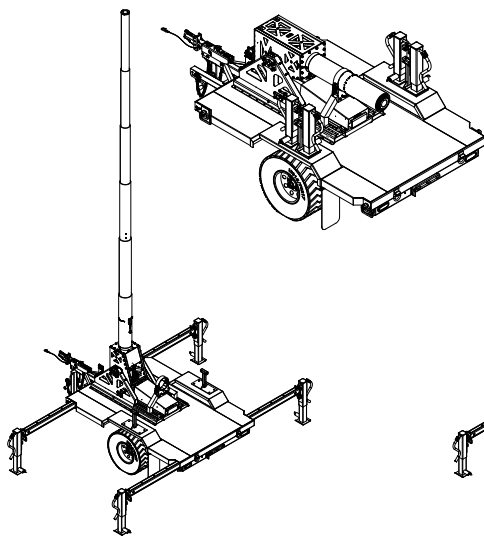
- Maximizes sensor performance with powerful and precise mechanical telescopic masts
- Heights up to 49 ft. / 15m
- Payloads up to 600 lb / 272 kg
- Fast and easy deployment with integrated controls
- Optional Cable Management, Power Management, Cabinets, and other accessories available
- No need for guy systems – all options are self-supporting
- Will-Burt offers full integration of customer payloads and sensors or delivery of the elevation platform for customer payload installation

RD-S: SINGLE AXLE
(AMTS / CES / Upright)Deck Dimensions L x W x H (mm / in.)

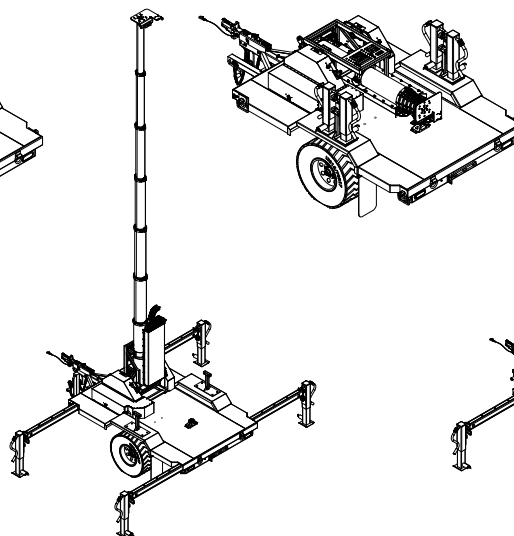
Trailer: 4216 x 2159 x 864 / 166 x 85 x 34 | **Outriggers Extended:** 4216 x 5157 x 864 / 166 x 203 x 34

Trailer Weight (kg / lb)

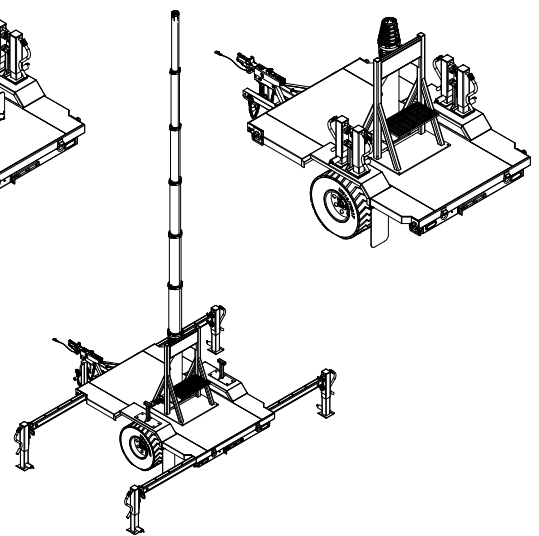
Trailer: 1214 / 2,675 | **Trailer GVWR:** 2722 / 6,000



RD-S Trailer (AMTS)
8.54m Stiletto AL HD



RD-S Trailer (CES)
8.54m Stiletto AL



RD-S Trailer (Upright)
8.54m Stiletto AL

INTEGRATED TRAILER, MAST AND TILT SYSTEMS

RD-T: TANDEM AXLE

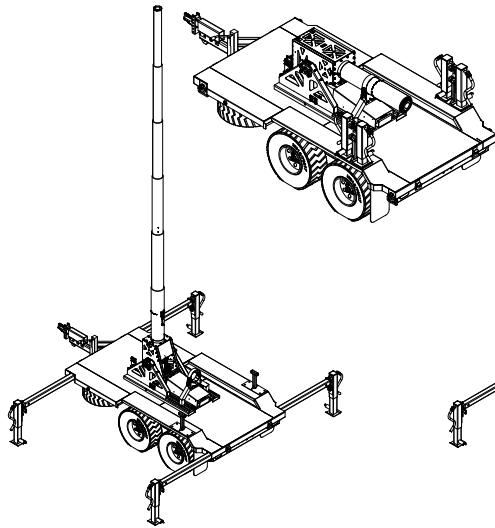
(AMTS / CES / Upright)

Dimensions L x W x H (mm / in.)

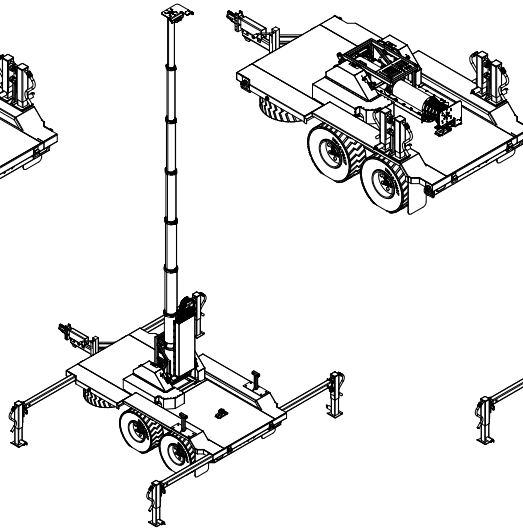
Trailer Deck: 5157 x 2159 x 839 / 203 x 85 x 33 | Outriggers Extended: 5157 x 2159 x 839 / 203 x 201 x 33

Weight (kg / lg)

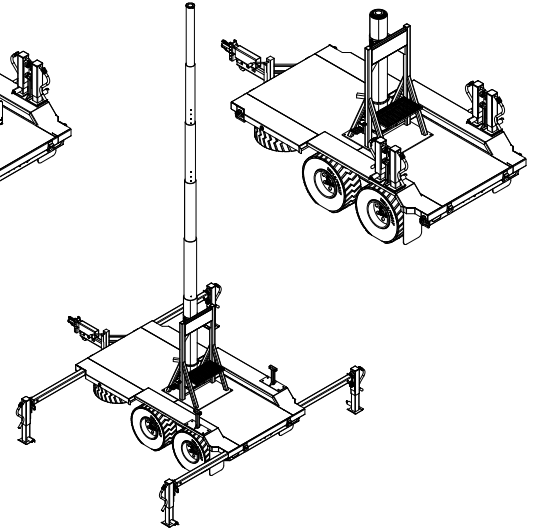
Trailer: 1590 / 3,505 | Trailer GVWR: 5443 / 12,000



RD-T Trailer (AMTS)
8.54m Stiletto AL HD



RD-T Trailer (CES)
8.54m Stiletto AL



RD-T Trailer (Upright)
8.54m Stiletto AL HD

RD-T XL: TANDEM AXLE with EXTENDED DECK

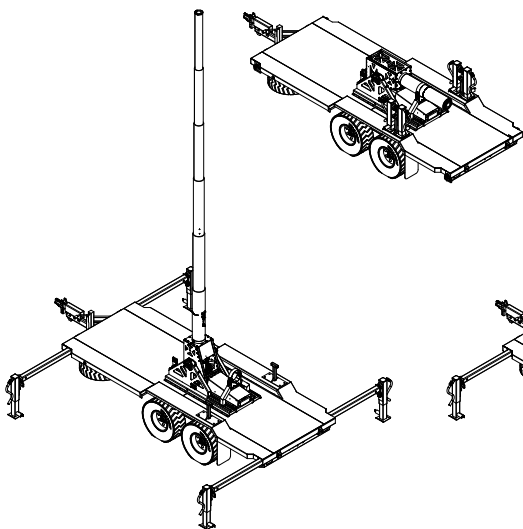
(Upright / CES / AMTS)

Dimensions L x W x H (mm / in.)

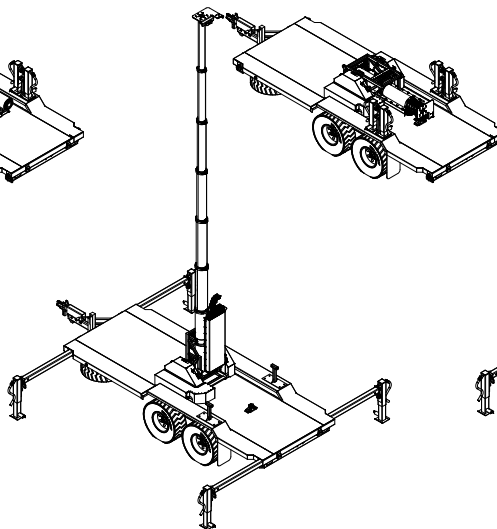
Trailer Deck: 6655 x 5106 x 839 / 262 x 85 x 33 | Outriggers Extended: 6655 x 5106 x 839 / 262 x 201 x 33

Weight (kg / lb)

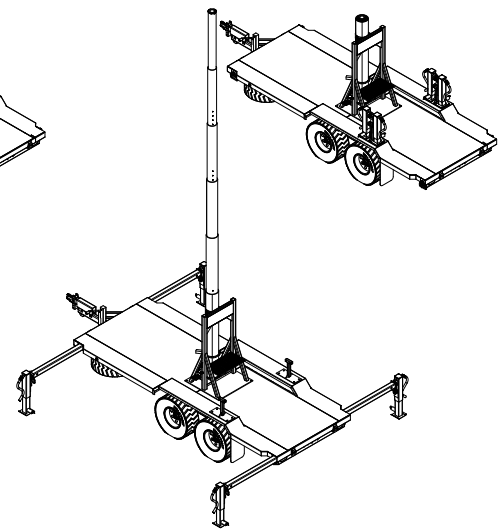
Trailer: 1639 / 3,613 | Trailer GVWR: 5443 / 12,000



RD-T XL Trailer (AMTS)
8.54m Stiletto AL HD



RD-T XL Trailer (CES)
8.54m Stiletto AL



RD-T XL Trailer (Upright)
8.54m Stiletto AL HD

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The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every mobile payload elevation and integration solution for defense, government, first responders, cellular and mobile, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. Will-Burt is an international company with offices and manufacturing in the USA, England, and Germany along with offices in Singapore. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.



Disclaimer: Dimensions and weights are for reference only and are subject to change.
Please contact Will-Burt for current engineering specifications.

May, 2025
The Will-Burt Company
ISO 9001:2015
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