

COMPACT ELEVATION SYSTEM ^{TRK}



UTILITIES
MONITORING

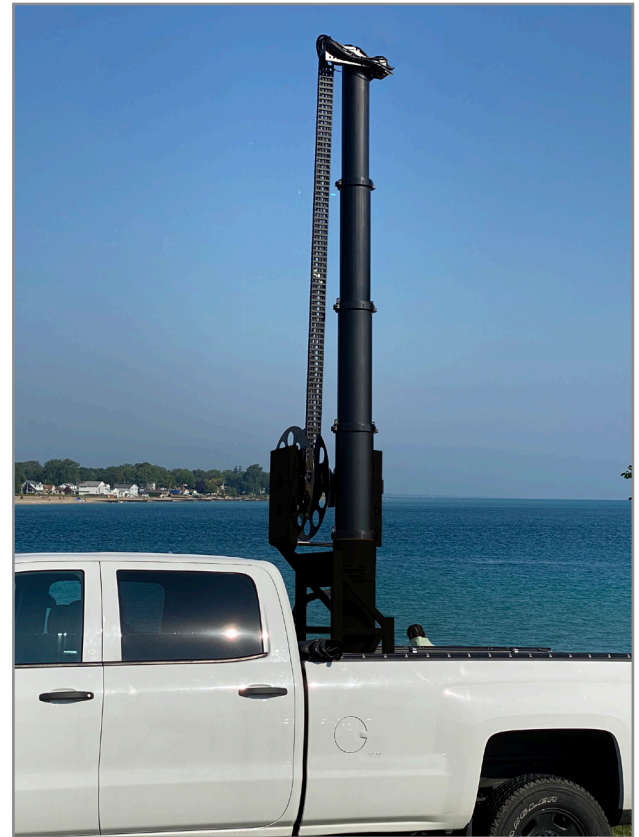
PROPERTY
PROTECTION

COMMUNICATIONS

ENERGY
SECTOR

Will-Burt's truck based Compact Elevation System with integrated CAN-bus controls and cable management is a rugged and precise mobile elevation platform that provides rapid deployment of communications and monitoring equipment from a compact position in a standard 8 ft. / 2.4m pickup truck bed. The compact design provides up to 24.7 ft.³ / .7 m³ for the sensor payload with the tailgate in the closed position. Available with an electro-mechanical or pneumatic elevation system at 13.1 ft. / 4m, or 19.6 ft. / 6m heights with a payload capacity of 530 lb. / 241 kg, payload stability is assured with section keys and keyways that minimize rotational movement.

Well-suited for the energy, utilities, and property protection sectors.



Specifications

CES-TRK-SAL	4m	6m
Stowed Dimensions (Lx W x H) (in. / mm)	53.4 x 41.8 x 21.8 / 1356 x 1062 x 555	61.2 x 41.8 x 21.8 / 1555 1062 x 555
Available Area for Payload (8 ft. bed) (in. ³ & in. ² / m ³ & m ²)	42157.090 & 1983.900 / 0.691 & 1.280	40203.363 & 1875.316 / 0.659 & 1.210
Extended Height (ft. / m)	13.1 / 4	19.6 / 6
Payload Capacity (lb. / kg)	400 / 181	
Telescopic Mast Type	Aluminum Mechanical Screw-Drive with Automatic Locks	
Survival Wind Speed (mph / km/h)	81 / 130	
Deployment Wind Speed (mph / km/h)	35 / 56	
Tilt Up / Mast Deploy / Mast Retract / Tilt Down / Total Cycle Time / Approximate - Payload Dependent (seconds)	30 / 35 / 35 / 30 / 130	30 / 60 / 60 / 30 / 180
Rotation Accuracy (Twist)	+/-1°	
Voltage	28 VDC	
*Typical Payload Sail Area (ft. ² / m ²)	12 / 1.1 CD=1.5	
System Weight CES & Payload (lb. / kg)	1440 / 653	1495 / 678
Integrated System Control	CAN-bus J1939, RS485 Serial, PC Control Capable	

CES-TRK-SHDNL	4m	6m
Stowed Dimensions (Lx W x H) (in. / mm)	56.7 x 41.8 x 21.8 / 1440 x 1062 x 555	66.6 x 41.8 x 21.8 / 1692 x 1062 x 555
Available Area for Payload (8 ft. bed) (in. ³ & in. ² / m ³ & m ²)	41316.195 & 1937.140 / 0.677 & 1.250	38836.011 & 1799.352 / 0.637 & 1.161
Extended Height (ft. / m)	13.1 / 4	19.6 / 6
Payload Capacity (lb. / kg)	530 / 241	
Telescopic Mast Type	Aluminum Pneumatic	
Survival Wind Speed (mph / km/h)	81 / 130	
Deployment Wind Speed (mph / km/h)	35 / 56	
Tilt Up / Mast Deploy / Mast Retract / Tilt Down / Total Cycle Time / Approximate - Payload Dependent (seconds)	30 / Deploy and Retract times are high variable / 30 seconds	
Rotation Accuracy (Twist)	+/-1°	
Voltage	28 VDC	
*Typical Payload Sail Area (ft. ² / m ²)	12 / 1.1 CD=1.5	
System Weight CES & Payload (lb. / kg)	1535 / 696	1579 / 716
Integrated System Control	CAN-bus J1939, RS485 Serial, PC Control Capable	

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

CONTACT YOUR SALES REPRESENTATIVE TODAY

WILL-BURT NORTH AMERICA WORLD HEADQUARTERS

401 Collins Boulevard, Orrville, OH USA 44667
Telephone: +1 330 682 7015
Mast Customer Service: +1 330 684 4000
Fax: +1 330 684 1190
Email: info@willburt.com

WILL-BURT ASIA SINGAPORE SALES OFFICE

1 Fullerton Road, #02-01 One Fullerton,
Singapore 049213
Telephone: +65 6832 5689
Fax: +65 6722 0664 / Email: info@willburt.com

INTEGRATED TOWER SYSTEMS A WILL-BURT COMPANY

2703 Dawson Road
Tulsa, OK 74110
Telephone: +1 800 850 8535
Fax: +1 918 749 8537
Email: programs@itstowers.com

WILL-BURT TÜRKİYE

Ahi Evran OSB Mahallesi,
Nahcivan Caddesi, No: 8/2, Sincan, Ankara 06935
Telephone: +90 535 662 9060 / Fax: +90 312 502 6970
Email: info@willburt.com

WILL-BURT GERMANY

Fischergasse 25
D-91344 Waischenfeld, Germany
Telephone: +49 9202 180
Fax: +49 9202 1811
Email: info@willburt.com

WILL-BURT UNITED KINGDOM

Unit 5b, Station Approach
Four Marks, Alton Hampshire, GU34 5HN,
United Kingdom
Telephone: +44 (0) 1403 265532
Fax: +44 (0) 1403 259072 / Email: info@willburt.com

CLARK MASTS A WILL-BURT COMPANY

18-20 Ringwood Road, Binstead, Isle of Wight, PO33 3PA, England
Telephone: +44 (0) 1983 563691/567090
Fax: +44 (0) 1983 566643/811157
E-mail: sales@clarkmasts.com

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 and a joint venture in Turkey. 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.