

About Us

Tim Price, Inc. (dba Contact Corporation) was founded in 1997 in Northern Virginia by one man with a vision. Tim Price was born and raised in England where he served in the Royal Air Force. Tim took his expertise and close relationship with Cobham Mast Systems of Finland to North America and developed a thriving company. Contact Corporation is located in Winchester, VA and is a systems integrator and a distributor of telescopic composite material masts. Along with Contact's patented bracket technology, Contact designs, fabricates, and integrates complete systems of mobile and static mast systems for a variety of applications; to include tactical communications, electronic warfare, hailing/ warning systems and surveillance operations. We believe in and stand behind our products.

Quality

Contact Corporation is committed to developing loyal satisfied customers by meeting their expectations through our dedication to the continuous improvement of our Quality Management System (QMS) for the products and services we offer. We specialize in the design, development, production, sales and servicing of integrated telescopic mast systems, transportation platforms and associated accessories. We have structured our QMS to comply with the international standard ISO 9001:2008 to better satisfy the needs of our customers, improve the management of our company; to expand our customer base. Compliance with the QMS policies and procedures is mandatory for all personnel; adherence to these controls and standards insure that the highest quality products and services are maintained. The management and employees of Contact corporation are committed to the QMS and look forward to extending our reputation for quality.



CONTACT!

User-Friendly Mast Systems

www.contactcorp.net

EXL | EX | EXB
Series Masts and
Ancillary Equipment



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User-Friendly Mast Systems

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- Carbon Fiber telescoping antenna masts
- Tactical, mobile or static communication platforms
- Battle tested in extreme environments (MIL STD 810-F)
- Heavy Payload deployed to 30 meters in under 20 minutes
- Masts up to 50 meters
- Utilized in many C5ISR operations
- Easy to use, designed for the highly mobile, net-centric warfighter

Tactical Communications.

Tactical Speed.

A Warfighter's Mast.

Contact Corporation is an engineering company and systems integrator specializing in carbon fiber telescoping antenna masts manufactured by Cobham Mast Systems of Finland. Contact designs, fabricates, and integrates complete mobile and static tactical communication platforms. Our patented bracket technology and easy to use guying system allow for safe, rapid deployment ensuring reliable communications for the net-centric warfighter.



EXL Masts



EX Masts



EXB Masts



EXL masts are designed for medium to heavy duty applications with extended heights up to 164 feet. The masts utilize up to 10 composite telescopic sections which are extended by a mechanical winch-driven hoisting belt. Fully automatic latches within the mast control the order of tube section extension. The tube sections extend one at a time from the bottom upwards. As each tube section reaches full extension, the automatic latches engage, locking that section while releasing the next. Guy rope attachment rings are located at the top of tube sections at required intervals. Because the tube sections extend one at a time from the bottom upwards, the crew is able to stabilize the mast throughout the mast extension process by securing the lower ends of the guy ropes as each guy level is reached. This is a key advantage of the EXL design, permitting very large payloads to be safely raised to significant heights very quickly and safely, even in strong winds. The EXL-mast design is available in three families of masts: EXL141, EXL167, and EXL195. The number corresponds to the diameter of the bottom section in millimeters. EXL-masts are made of carbon and glass fiber composite material. Masts are delivered with full field deployment accessory kits and they can be supplemented with a wide range of mounting kits for vehicles and shelters. EXL-masts can be supplied in CARC finish, color as specified by the customer.

The high performance, user-friendly EX family of telescopic masts are used for light and medium weight payloads at heights from around 20 feet up to 100 feet. These are telescopic composite masts utilizing a mechanical winch and hoisting belts. A separate hoisting belt is used to extend each section, such that all sections extend simultaneously. With their highly effective deployment accessory kits, these masts are very quick and easy to deploy. 50 ft masts are typically deployed in under 15 minutes with a two-person crew. For heights above 65 feet, versions of the EX-mast utilizing an "auto-guying" system are available. This system automatically stabilizes the upper part of the antenna mast as it extends, permitting the masts to be extended safely with minimal crew numbers. EX masts are made of carbon and glass fiber composite material. The masts can be supplemented with a wide selection of mounting kits for vehicles and shelters. EX-masts can be deployed by one to three persons and are elevated with a hand-cranked winch or by an optional electric winch power unit. The entire deployed mast can be rotated 360°. Three families: EX105, EX128, and EX141. Masts can be supplied in CARC finish, color as specified by the customer.

EXB telescopic masts are designed for highly mobile operations (such as battlefield communications and electronic warfare) where minimal time and man-power for deployment is available. These telescopic masts are push-button, vehicle-mounted mast systems designed for rapid extension and operation without guy ropes. They are designed to extend to heights up to 46 ft (payload height at 49 ft above ground when vehicle mounted) with maximum payloads of up to 242 pounds. Depending on mast top maximum deflection requirements, EXB masts utilize composite tube sections varying from pure glass fiber to pure carbon fiber. EXB telescopic masts are extended and retracted utilizing hoisting belts driven by a winch. This is an effective, well-proven technique which is more reliable under severe operating conditions (especially sand and dust). EXB masts have a double-belt system, one belt is used for mast extension, the second belt is used to provide positive retraction to assure proper operation under adverse conditions of wind and slope. EXB masts are equipped with an automatic latch mechanism for controlling the order in which tube sections extend. The winch is operated by an electric Winch Power Unit (WPU) with remote control. WPU's are available for either AC or DC power supplies. A manual hand crank is provided as a back-up for power failure. Two families, EXB269 and EXB333 telescopic masts can be supplied in CARC finish, color as specified by the customer.

* Masts can be manufactured to customer's specifications.

*EXL-195 Masts				
MAST TYPE	EXL195/ 24-3.9	EXL195/ 30-5	EXL195/ 34-5.6	EXL195/ 50-7.6
Extended height (ft)	78.7	98.4	111.5	164.0
Transportation length (ft)	12.8	16.4	18.4	24.9
Max. vertical top load (lb)	110.2	165.3	165.3	110.2
Max. wind area cxA (ft²)	10.8	26.9	16.1	16.1
Max. wind speed (mph)	80	80	80	80
Guy radius (ft)	52.5	82.0	65.6	147.6
Guys and levels	4x4	4x5	4x5	4x7
Sections	10	8	8	8
Mast weight (lb)	238.1	275.6	291.0	325.7
Accessory weight (lb)	141.1	187.4	231.5	264.6

*EX-128 Masts				
MAST TYPE	EX128/ 8-2	EX128/ 10-2.3	EX128/ 15-3.4	EX128/ 18-4
Extended height (ft)	26.2	32.8	49.2	59.1
Transportation length (ft)	6.6	7.5	11.2	13.1
Max. vertical top load (lb)	88.2	88.2	77.2	77.2
Max. wind area cxA (ft²)	12.9	10.8	12.9	9.7
Max. wind speed (mph)	80	80	80	80
Guy radius (ft)	19.7	23.0	32.8	39.4
Guys and levels	4x2	4x2	4x3	4x3
Sections	6	6	6	6
Mast weight (lb)	52.9	59.5	79.4	90.4
Accessory weight (lb)	63.9	63.9	88.2	90.4

*EXB-Masts				
MAST TYPE	EXB269/ 6-1.2	EXB269/ 10-1.8	EXB333/ 10-1.7	EXB333/ 12-1.75
Extended height (ft)	19.7	32.8	32.8	39.4
Transportation length (ft)	3.9	5.9	5.6	5.8
Max. vertical top load (lb)	121.3	99.2	242	110.2
Max. wind area cxA (ft²)	2.2	2.2	6.5	6.5
Max. wind speed (mph)	60	60	80	75
Sections	7	7	8	9
Mast weight (lb)	244.7	264	279.4	330.7