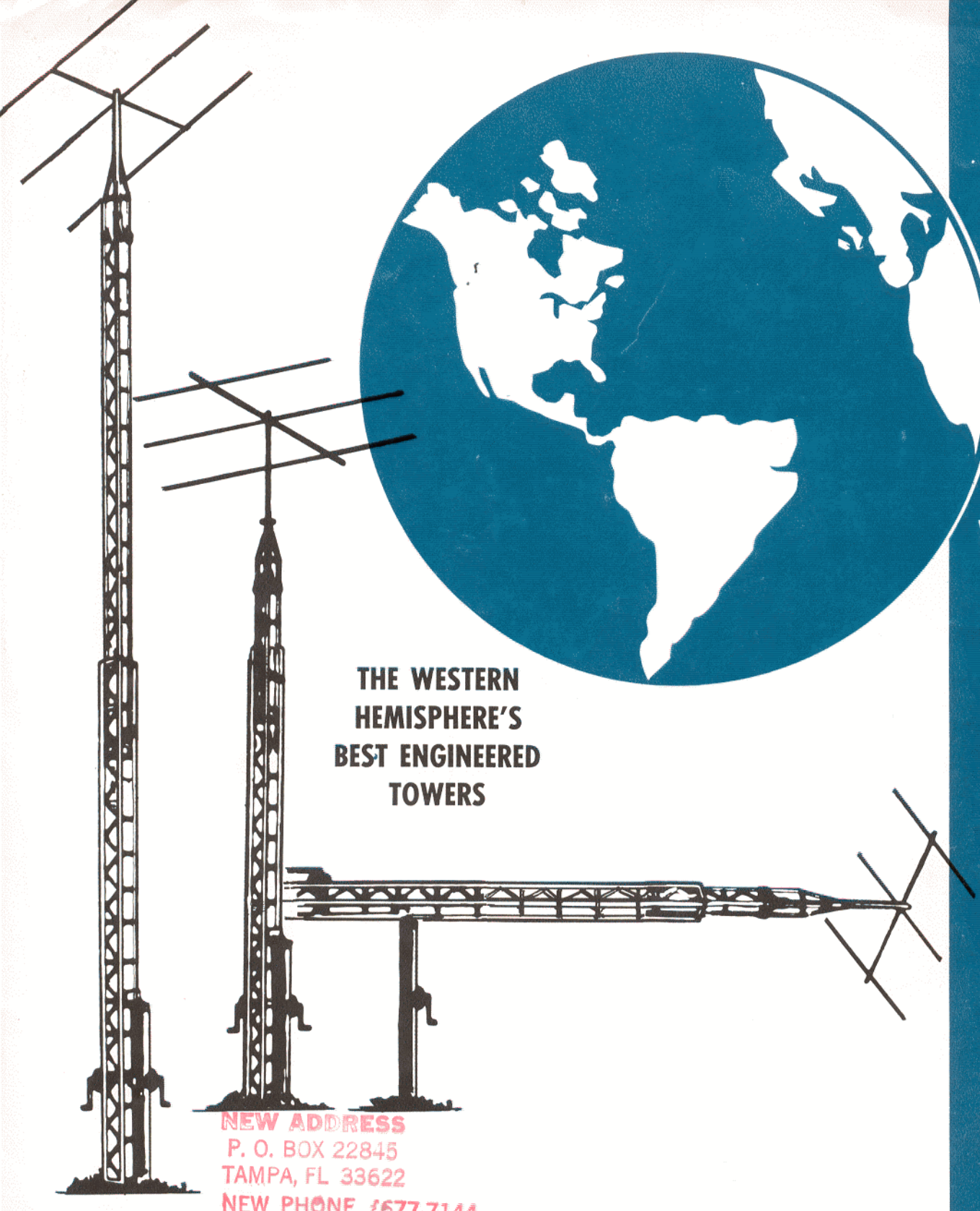


# TOWERS

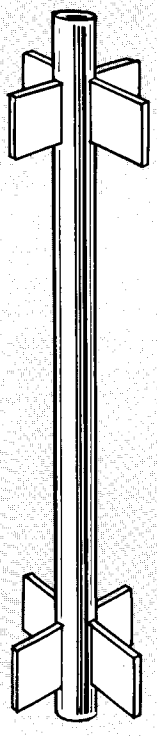
THE WESTERN HEMISPHERE'S BEST ENGINEERED TOWERS

NEW ADDRESS
P. O. BOX 22845
TAMPA, FL 33622
NEW PHONE #677-7144

E-Z WAY Products, inc.
P. O. Box 17196
TAMPA, FLORIDA 33612

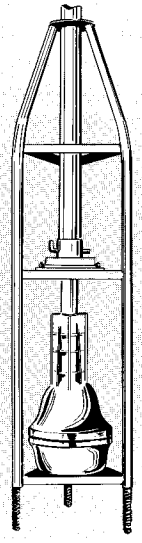
TOWER SYSTEM SUPPLIERS / CUSTOM COMMUNICATION STRUCTURES

E-Z WAY Products, inc.
P. O. Box 17196
TAMPA, FLORIDA 33612



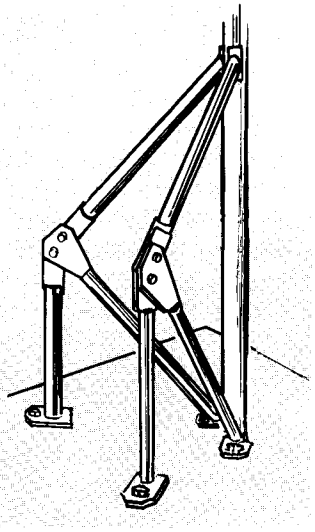
## THE WONDER GROUND POST

The "Wonder" Ground Post provides fast, simple installation with emphasis on easy access to beam. Unique design eliminates the need for concrete, yet requires a hole no larger than 1 ft. in dia. Radial fins placed near ground level and at lower end of post eliminate any movement when earth is tamped firmly around post. The E-Z Way "Wonder" Ground Post remains plumb with tower in any position. In most cases, guys are not required when Ground Post is used.



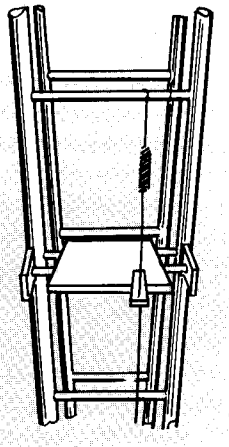
## ROTOR HEAD

All towers will accept the bolt on rotor head accessory package. Which includes mast, thrust bearing, bushing and rotor mounting hardware. All heads designed for CDR series rotors. Other heads available on special order at slight additional charge.



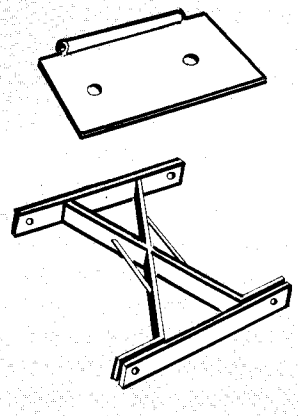
## CONCRETE MOUNT POST

Use for larger Towers (RBX-70, RBZ-75, AC-15) and for installations where a concrete mounting is preferred. Same tilt-over feature as Wonder Ground Post.



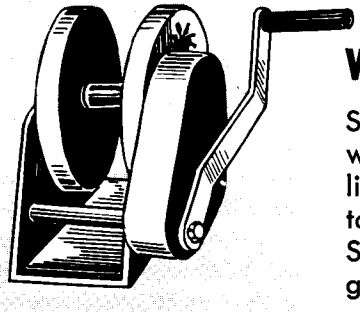
## SAFETY REST

Positive locking mechanism provides safe, secure positioning of elevated tower section. Easily controlled from ground to lock tower at any height desired. 1 ft. increments.



## BUILDING ATTACHMENT KIT

Consists of base hinge and wall bracket. A low cost mounting that is used to mount tower alongside existing structures.



## WINCH

Sturdy, gear-driven type winch permits safe, easy, lifetime operation. Treated to resist rust and corrosion. Standard on all towers and ground posts.

## MANUFACTURERS OF "THE WORLD'S FINEST COMMUNICATION TOWERS!"

# HOW TO SELECT THE TOWER BEST SUITED FOR YOU:

1. Select the Tower Size Required for Your Beam:

Find the wind load of the antenna in sq. ft. of projected area from your supplier, or calculate it from the following formula:

$$\text{Wind Area (sq. ft.)} = \frac{(\text{Area of all Elements — Sq. In.}) \times 2/3 \times .707}{144}$$

For stacked beams, an approximation of effective wind area may be calculated as follows:

$$\text{Effective Area} = \text{Area of Lower Beam} + 1.5 \text{ Area of Upper Beam}$$

Each E-Z Way tower is load rated for 50 MPH winds. Use the chart below to select the tower for your antenna load. All towers are designed for 100 mph winds, retracted.

## TOWER WIND LOAD CHART

| MODEL NUMBER | Normal Ant. Hgt. | | Max. Ant. Load-Sq. Ft. Projected Area | | |
|---|---|---|---|---|---|
| | | | Without Guys | With Guys | |
| | Extended Feet | Retracted Feet | 50 MPH Winds | Area Sq. Ft. | Velocity MPH |
| HD-40 | 40 | 23 | 6.0 | 6.0 | 100 |
| RBS-40 | 41 | 25 | 12.0 | 12.0 | 120 |
| RBX-40 | 42 | 27 | 33.5 | 40.0 | 125 |
| RBS-50 | 51 | 30 | 12.0 | 12.0 | 86 |
| RBX-50 | 52 | 32 | 28.8 | 40.0 | 110 |
| RBX-60-3 | 60 | 26 | 11.0 | 12.0 | 110 |
| CRX-60-3 | 60 | 26 | 14.0 | 14.0 | 110 |
| RBX-70-3 | 72 | 31 | 12.0 | 12.0 | 100 |
| RBZ-75-3 | 75 | 35 | 27.7 | 30.0 | 110 |
| RBZ-85-3 | 85 | 36 | 25.0 | 25.0 | 100 |
| AC-15-4 | 115 | 36 | 16.0 | 16.0 | 100 |

2. Select Your Mounting Kit:

Each E-Z Way mounting kit is designed to fit a specific need. The Building Attached Kit (BAK) is recommended for economy when the tower can be mounted adjacent to a building and the tilt-over feature is of secondary importance. The Wonder Ground Post (WGP), the most versatile and easiest to install, is the most popular of all models except those over 60 ft. The concrete mount post (CMP) is a must for the larger towers, but may also be used for smaller models in abnormal soil conditions.

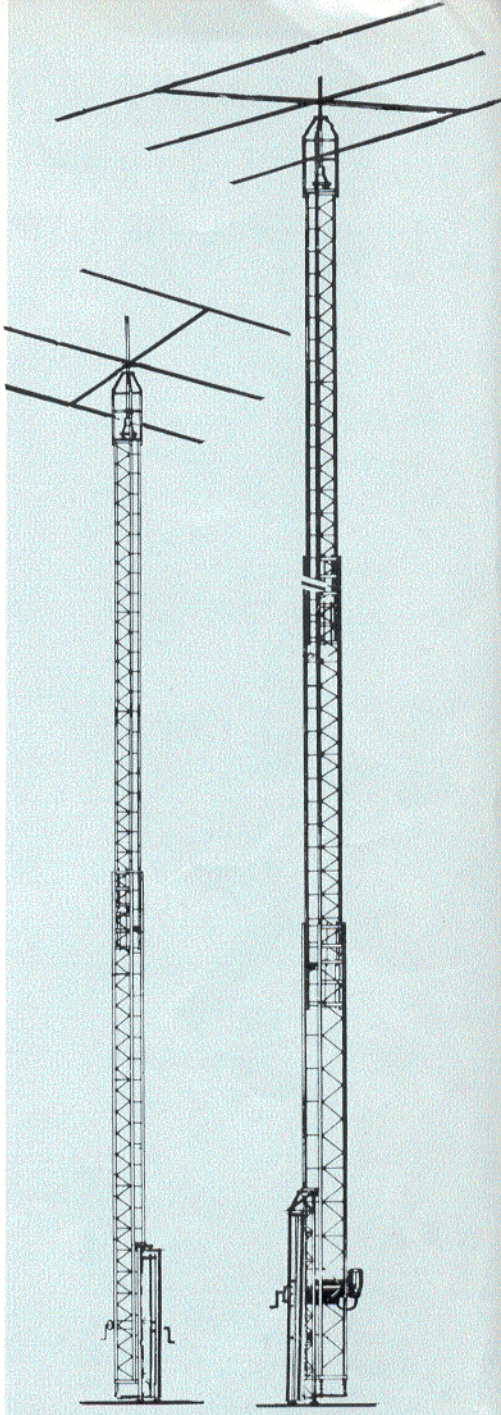
3. Selecting the Site:

After the tower and mounting kit have been chosen, the site for erecting the tower should be considered. Conceivably, the closer the shack, the better. But due to the fact that the tower tilts, there must be a clearance path of at least two-thirds of the tower height and also enough space to allow for the antenna. Remember, stay clear of power lines and trees . . . also, signal loss can result from close proximity to metal structures.

## *CHECK THESE FEATURES!*

- **ALUMINUM PAINTED OR GALVANIZED**** after fabrication. E-Z Way Towers are phosphate pre-treated and completely immersed in a bath of corrosion resistant aluminum paint or molten zinc - outside & inside surfaces are protected against corrosion.
- **AERO-DYNAMIC DESIGN!** Triangular tower, built of cylinderical steel rod and tubing (over 98% of exposed area is round) combine to give greater strength with least wind resistance.
- **NO GUY WIRES required!**
- **Hardware others call "accessories" are standard with us!**
- **WARRANTY — Materials & Workmanship!** (Loading in excess of these specifications is not recommended, and negates applicable warranty.)

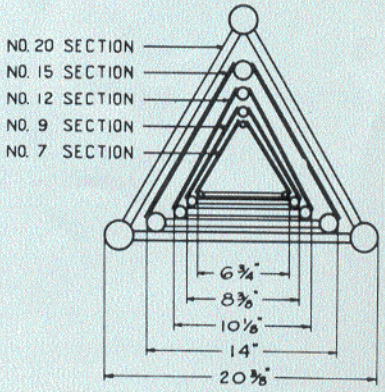
****SEE PRICE SHEET.**



**2 Section Type RBS-40**

**3 Section Type RBX-60-3**

Schematic Diagram of Nested Tower Sections



# MOBILE TOWERS

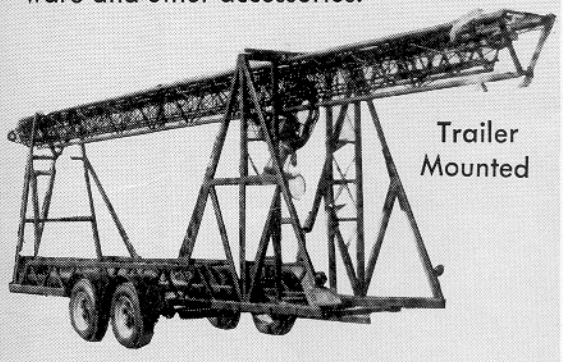
## FOR FIELD STUDIES & PORTABLE COMMUNICATIONS SYSTEMS TRAILER MOUNTS

Designed to accommodate E-Z WAY crank-up, tilt-over towers.

Equipped to customer's specifications: outriggers, stop and turn signals, electric brakes, spare tire and wheel.

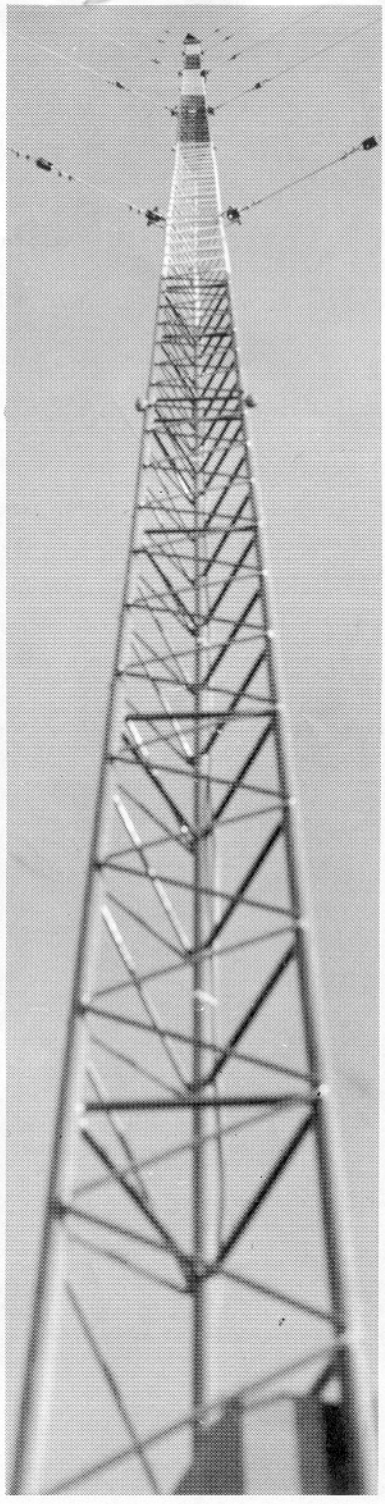
Finished with primer and color painted to customer's choice.

Available with motor winches, guy hardware and other accessories.



Trailer Mounted

Van Mounted

# SPECIAL PURPOSE TOWERS

20 years experience in design, manufacture and erection of special towers.

Custom engineered to performance specifications or built to customer design.

## COMPLETE TURN-KEY SERVICES

- DESIGN
- FABRICATION
- DELIVERY
- ERECTION
- LIGHTING
- PAINTING
- ANTENNA MOUNTING and ADJUSTMENT

COMMERCIAL CATALOG SHEETS AVAILABLE ON REQUEST

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H-74

- Engineering and Design
- Requirements Analysis
- Site Surveys and Evaluation for AM-FM-TV Broadcast, CATV, Microwave, Meteorology and Telemetry fixed or portable installations.

ONE OF THE WESTERN HEMISPHERE'S QUALITY TOWER SYSTEM SUPPLIERS

CUSTOM COMMUNICATIONS STRUCTURES