Our tower-structures are wholly of steel, modular and hot-galvanized. Bolted construction is used throughout the tower for a couple of good reasons. Mainly this gives the owner the choice of having the tower shipped unassembled (knocked-down) in kit form, and also offers the ability to replace tower components in the field with just a wrench, should a structural member ever become damaged. Shipping in kit form can also save a bit on freight costs to the delivery point. Tower sections are connected together with 24 bolts per connection, using steel splice plates on both the outside and inside of each leg intersection, forming an extremely strong and positive joint. Some radio-antennas, fixed or rotative, can be placed at the structure top by special supports. In case of rotative antennas, special supports can be inserted in the inside of the last module to fasten rotators of our production and all the others present on the market. Furthermore the mast can be locked by a thrust-holder bearing support and guided by supports having nylon bushings.

SR5 Triangular guyed towers with carriage.

The antennas and the rotator are fixed on the carriage at about 1.5 m from ground, roof or terrace in all quietness, comfort and work safety. When the operations are over, the carriage with antennas assembled is lifted up to the tower top with a system of sheaves and manual winch. It is clear that, for any type of maintenance, repair or tests, you need only to activate the winch in order to take the carriage with antennas and rotator to the tower base, to intervene where necessary and to lift again the whole.

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Towers&MASTS

Triangular guyed tower, SR5 type.

Technical Characteristics:

- **GE/SR5** model
- **MODULE HEIGHT m (ft)**: 2 (6.6)
- **SECTION**: Triangular bolted section
- **SIDE cm (in)**: 50 (19.7)
- **MODULE WEIGHT kg (lbs)**: 36 (79.4)
- **NUMBER OF M12X30 JUNCTION BOLTS**: 24
- **CM² RESISTING MOMENT**: 77
- **AVAILABLE MOMENT kglm (highest module)**: 350
- **MAXIMUM VERTICAL THRUST kg (lbs) (highest module)**: 450 (992)
- **MAXIMUM TRACTION ON guy rope kg (lbs)**: 450 (992)
- **CM² VERTICAL angulars**: 10.62
- **DISTANCE OF GUY-ROPE m (ft)**: 6 (*4) - 19.7 (*13.2)
- **WEIGHT OF BASEMENT kg (lbs)**: 3,000 (6,614)

(*) = VERY WINDY AREAS

Triangular bolted section SR5

Tower legs

Triangular guyed towers with carriage.

- **BCSR5** BASE FOR CONCRETE
- **BTSR5** TERRACE BASE
- **BCTSR5** TRANSPORTABLE BASE
- **SMSR5** WALL BRACKET
- **SCSR5** TOWER BRACKET FOR FIXING GUY ROPE
- **PAISR5** GIN POLE
- **FRSRSR5/100** ROTATOR PLATE (Central hole 100.5 mm)
- **FRSRSRSR5/0** ROTATOR PLATE (without central hole)
- **FBSRSR5/60** PLATE WITH 60 mm BUSHING
- **FBSR/S** PLATE WITH BUSHING on request
- **FCSRSR5/60** 60 mm THRUST BEARING PLATE
- **FCRSRS/S** THRUST BEARING PLATE on request
- **SMT** GUY ANCHOR FOR CONCRETE
- **SMF** GUY ANCHOR FOR WALL OR TERRACE

**Model Code**
- **TC6SR/S/M**: 6 GE/SR5
- **TC8SR/S/M**: 8 GE/SR5
- **TC10SR/S/M**: 10 GE/SR5
- **TC12SR/S/M**: 12 GE/SR5
- **TC14SR/S/M**: 14 GE/SR5
- **TC16SR/S/M**: 16 GE/SR5
- **TC18SR/S/M**: 18 GE/SR5
- **TC20SR/S/M**: 20 GE/SR5

**Other Accessories**
- **MR1 Ø 48 REDUCTION ON ROTOR SIDE**

There are available Masts mm:
- **M1 Ø 48 X 3000**
- **M2 Ø 60 X 3000**
- **M3 Ø 48 + Ø 40 X 5650**
- **M4 Ø 60 + Ø 48 X 5650**
- **M5 Ø 76 + Ø 60 X 5650**
- **M6 Ø 76 + Ø 60 + Ø 48 X 8300**
- **M7 Ø 90 + Ø 76 X 5650**
- **M8 Ø 90 + Ø 76 + Ø 60 X 8300**
- **M9 CONSTRUCTION TO MEASURE**
- **MR1 Ø 48 REDUCTION ON ROTOR SIDE**