

Lowering Octagonal Mast Specifications

| NOMINAL HEIGHT (m) | PRODUCT NUMBER | POLE TOP (mm) | DIAMETER BOTTOM (mm) | DOOR SIZE L x W (mm)x(mm) | BOLTS | MAX. TOP WEIGHT (kg) | MAXIMUM ALLOWABLE SAIL AREA (m ²) REGION – TERRAIN CATEGORY (AS1170.2) | | | | | | | | ULT. BASE MOMENT (kNm) | ULT. BASE SHEAR (Kn) | WORK. BASE MOMENT (kNm) | WORK. BASE SHEAR (Kn) | SCREW PILE | POLE WEIGHT (kg) |
|--------------------|----------------|---------------|----------------------|---------------------------|-----------|----------------------|---|------|------|------|------|------|------|------|------------------------|----------------------|-------------------------|-----------------------|------------|------------------|
| | | | | | | | A-2 | A-3 | B-2 | B-3 | C-2 | C-3 | D-2 | D-3 | | | | | | |
| 6 | TF-LOM-6 | 75 | 165 | 295x110 | 4M20@233 | 55 | 0.87 | 1.37 | 0.53 | 0.87 | 0.28 | 0.47 | 0.12 | 0.24 | 10.0 | 3.0 | 6.7 | 2.0 | 2A | 80 |
| 8 | TF-LOM-8 | 75 | 212 | 410x130 | 4M24@350 | 65 | 1.57 | 2.06 | 1.11 | 1.63 | 0.69 | 1.01 | 0.37 | 0.61 | 25.0 | 5.3 | 16.7 | 3.5 | 3A | 161 |
| 10 | TF-LOM-10 | 75 | 212 | 410x130 | 4M24@350 | 65 | 0.76 | 1.32 | 0.61 | 0.91 | 0.33 | 0.53 | 0.09 | 0.23 | 26.0 | 5.3 | 17.3 | 3.5 | 3B | 196 |
| 12 | TF-LOM-12 | 75 | 241 | 410x130 | 4M24@350 | 70 | 0.63 | 1.14 | 0.48 | 0.73 | 0.19 | 0.39 | - | 0.11 | 32.0 | 5.5 | 21.3 | 3.7 | 3B | 256 |
| 15 | TF-LOM-15 | 75 | 266 | 610x190 | 4M30@350 | 75 | 0.46 | 0.94 | 0.29 | 0.58 | 0.02 | 0.23 | - | - | 45.0 | 6.1 | 30.0 | 4.1 | N/A | 345 |
| 18 | TF-LOM-18 | 129 | 368 | 610x190 | 4M36@500 | 120 | 0.92 | 1.63 | 0.49 | 1.08 | 0.19 | 0.45 | - | 0.01 | 102.0 | 12.0 | 68.0 | 8.0 | N/A | 667 |
| 20 | TF-LOM-20 | 100 | 368 | 610x190 | 4M36@350 | 90 | 0.55 | 1.12 | 0.21 | 0.68 | - | 0.16 | - | - | 97.0 | 10.0 | 64.7 | 6.7 | N/A | 685 |
| 25 | TF-LOM-25 | 205 | 585 | 610x190 | 16M30@800 | 195 | 3.42 | 5.59 | 1.96 | 3.71 | 0.66 | 0.99 | - | - | 373.0 | 27.7 | 248.7 | 18.5 | N/A | 2340 |
| 27 | TF-LOM-27 | 181 | 585 | 610x190 | 16M30@800 | 160 | 2.94 | 4.91 | 1.61 | 3.19 | 0.39 | 0.69 | - | - | 374.0 | 27.4 | 249.3 | 18.3 | N/A | 2360 |
| 30 | TF-LOM-30 | 155 | 612 | 610x190 | 16M30@800 | 130 | 2.67 | 3.51 | 1.52 | 2.65 | - | 0.49 | - | - | 446.0 | 26.6 | 297.3 | 17.7 | N/A | 2535 |

- The maximum top weight is the total allowable weight inclusive of mast head that may be applied to the top of the column. Due allowance must be made for the centre of gravity of the weight above or below the column top.
- The maximum allowable sail areas include 100kg for every 1m² or part thereof. Telco fabrication offer a complete range of mast heads, mounting hardware and accessories to suit these masts.

Note: Information contained in this document is subject to modification from time to time, it is the client's responsibility to check that this information is current at the time of order placement or prior to using the product.