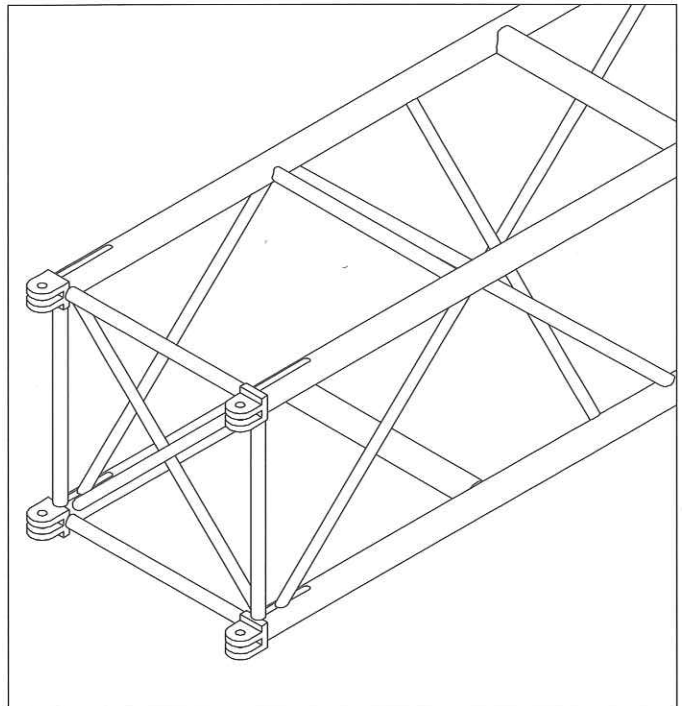


52cm Supertruss

James Thomas Engineering has re-evaluated its truss designs to encompass the changing demands of the touring industry. The Supertruss design features new end connectors, which are horizontally orientated, so that the connecting pin is dropped in vertically and truss elements are unisex (they can be used either way). Supertruss is considerably stronger size for size when compared to the General Purpose truss. It will save truck space because of the space saving design of the corners. The corners are simplicity themselves. The 2 way corner is a connecting gate to brace between the outer fork connectors of the trusses. The 3 way corner only requires a gate and 2 square support plates. The 4 way corner requires just 2 square support plates. In order to use the supertruss with towers, 2 sleeve plates each with 8 roller wheels are required with 1 or 2 gates depending on how many truss connections their are. 60 degree corners require 2 extended double fork connectors and a connecting gate. Other angles can be easily made to order. Variable and vertical connecting forks are available for 0 - 90 degree

| PRODUCT CODE | DESCRIPTION | WT kgs |
|--------------|---|--------|
| B1360 | 6 metre Section | 64 |
| B1350 | 5 metre Section | 54.5 |
| B1340 | 4 metre Section | 45 |
| B1330 | 3 metre Section | 35.5 |
| B1325 | 2.5 metre Section | 32 |
| B1320 | 2 metre Section | 26 |
| B1315 | 1.5 metre Section | 22.5 |
| B1310 | 1 metre Section | 16.5 |
| B1300 | 60 Degree corner gate | 15 |
| B1301 | 90 Degree corner gate | 5 |
| B1303 | 135 Degree corner gate | 4 |
| B1304 | 3 Way / 120 ^o gate | 4.3 |
| B1305 | 3 Way gate with lifting point | 9 |
| B1306 | Vertical connecting fork | 0.6 |
| B1307 | Horizontal connecting forks 2/unit | 1 |
| B1308 | Square support plate | 5 |
| B1309A | 12" Tower sleeve plate | 9 |
| B1309B | 15" Tower sleeve plate | 8.5 |
| B1311 | Supertruss to 52cm General Purpose truss adaptor gate | - |
| B1312 | Lifting point for super-truss | - |
| G6671 | Pin Extraction toll | 3 |



LOADING FIGURES show maximum loads between supports in addition to self weight of truss. Information extracted from structural report by The Broadhurst Partnership for Supertruss manufactured after November 1993

| SPAN | | UNIFORMLY DISTRIBUTED LOAD | | | CENTRE POINT LOAD | | SELF WEIGHT | |
|--------|-------|----------------------------|-------|------------|-------------------|-------|-------------|-----|
| METRES | FEET | KG | LB | DEFLECTION | KG | LB | KG | LB |
| 24 | 78.74 | 452 | 996 | 150mm | 226 | 498 | 284 | 626 |
| 22.5 | 73.82 | 579 | 1,276 | 141mm | 290 | 639 | 266 | 386 |
| 21 | 68.9 | 729 | 1,607 | 131mm | 365 | 805 | 248.5 | 548 |
| 19.5 | 63.98 | 910 | 2,006 | 122mm | 455 | 1,003 | 231 | 509 |
| 18 | 59.1 | 1,133 | 2,498 | 112mm | 567 | 1,250 | 213 | 470 |
| 16.5 | 54.13 | 1,414 | 3,117 | 103mm | 707 | 1,559 | 195 | 430 |
| 15 | 49.21 | 1,777 | 3,917 | 94mm | 889 | 1,960 | 177.5 | 391 |
| 13.5 | 42.29 | 2,261 | 4,985 | 84mm | 1,131 | 2,493 | 160 | 353 |
| 12 | 39.37 | 2,787 | 6,144 | 72mm | 1,394 | 3,073 | 142 | 313 |
| 10.5 | 34.45 | 3,292 | 7,257 | 56mm | 1,646 | 3,629 | 124 | 273 |
| 9 | 25.53 | 3,323 | 7,326 | 35mm | 1,662 | 3,664 | 106.5 | 235 |
| 7.5 | 24.61 | 3,341 | 7,365 | 20mm | 1,671 | 3,684 | 89 | 196 |
| 6 | 19.69 | 3,359 | 7,405 | 10mm | 1,680 | 3,704 | 71 | 156 |