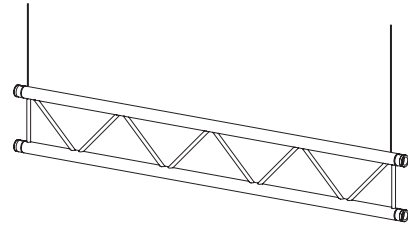


### H40L - Allowable Loading (Span supported on top chord.)

| SPAN |      | Uniformly Distributed Load (UDL) |        | DEFLECTION |      | CPL    |        | DEFLECTION |      |
|------|------|----------------------------------|--------|------------|------|--------|--------|------------|------|
| m    | ft   | kg/m                             | lbs/ft | mm         | inch | kgs    | lbs    | mm         | inch |
| 1    | 3,3  | 1259,8                           | 847,7  | 1          | 0,0  | 1259,8 | 2780,4 | 0          | 0,0  |
| 2    | 6,6  | 629,0                            | 423,2  | 1          | 0,0  | 629,0  | 1388,2 | 1          | 0,0  |
| 3    | 9,8  | 253,0                            | 170,2  | 2          | 0,1  | 380,0  | 838,7  | 1          | 0,1  |
| 4    | 13,1 | 105,0                            | 70,7   | 2          | 0,1  | 210,0  | 463,5  | 2          | 0,1  |
| 5    | 16,4 | 52,0                             | 35,0   | 3          | 0,1  | 130,0  | 286,9  | 2          | 0,1  |
| 6    | 19,7 | 24,0                             | 16,1   | 3          | 0,1  | 72,0   | 158,9  | 2          | 0,1  |

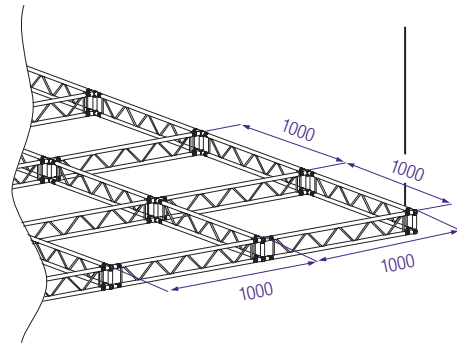


1 inch = 25,4 mm | 1 m = 3.28 ft | 1 lbs = 0,453 kg

Spans must be supported at each end.  
Loads must be suspended from bottom chord only.

### H40L - Allowable Loading (Top chord sideways supported each metre.)

| SPAN |      | Uniformly Distributed Load (UDL) |        | DEFLECTION |      | CPL   |        | DEFLECTION |      |
|------|------|----------------------------------|--------|------------|------|-------|--------|------------|------|
| m    | ft   | kg/m                             | lbs/ft | mm         | inch | kgs   | lbs    | mm         | inch |
| 4    | 13,1 | 312,9                            | 210,6  | 13         | 0,5  | 806,8 | 1780,5 | 10         | 0,4  |
| 5    | 16,4 | 249,8                            | 168,1  | 20         | 0,8  | 682,7 | 1506,7 | 16         | 0,6  |
| 6    | 19,7 | 207,7                            | 139,8  | 29         | 1,1  | 590,9 | 1304,1 | 23         | 0,9  |
| 7    | 23,0 | 173,4                            | 116,7  | 40         | 1,6  | 520,2 | 1148,0 | 32         | 1,2  |
| 8    | 26,2 | 133,7                            | 90,0   | 52         | 2,0  | 463,9 | 1023,7 | 41         | 1,6  |
| 9    | 29,5 | 106,0                            | 71,3   | 65         | 2,6  | 417,9 | 922,4  | 52         | 2,1  |
| 10   | 32,8 | 85,8                             | 57,7   | 81         | 3,2  | 379,7 | 838,0  | 65         | 2,5  |
| 11   | 36,1 | 70,8                             | 47,6   | 98         | 3,8  | 347,3 | 766,5  | 78         | 3,1  |
| 12   | 39,4 | 59,2                             | 39,9   | 116        | 4,6  | 319,5 | 705,1  | 93         | 3,7  |

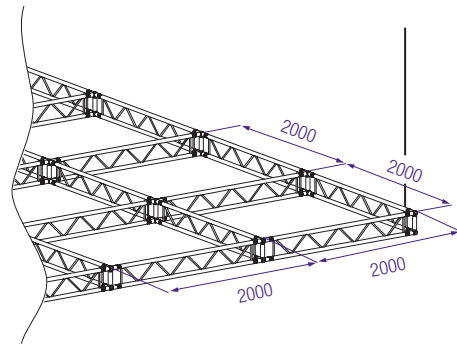


1 inch = 25,4 mm | 1 m = 3.28 ft | 1 lbs = 0,453 kg

Spans must be supported at each end.  
Loads must be suspended from bottom chord only.

### H40L - Allowable Loading (Top chords sideways supported every 2 metres.)

| SPAN |      | Uniformly Distributed Load (UDL) |        | DEFLECTION |      | CPL   |       | DEFLECTION |      |
|------|------|----------------------------------|--------|------------|------|-------|-------|------------|------|
| m    | ft   | kg/m                             | lbs/ft | mm         | inch | kgs   | lbs   | mm         | inch |
| 4    | 13,1 | 156,2                            | 105,1  | 4          | 0,1  | 312,5 | 689,6 | 3          | 0,1  |
| 5    | 16,4 | 99,0                             | 66,6   | 6          | 0,2  | 247,5 | 546,3 | 5          | 0,2  |
| 6    | 19,7 | 67,9                             | 45,7   | 8          | 0,3  | 203,8 | 449,8 | 7          | 0,3  |
| 7    | 23,0 | 49,2                             | 33,1   | 11         | 0,4  | 172,2 | 380,0 | 9          | 0,3  |
| 8    | 26,2 | 37,0                             | 24,9   | 14         | 0,6  | 148,1 | 326,9 | 12         | 0,5  |
| 9    | 29,5 | 28,7                             | 19,3   | 18         | 0,7  | 129,1 | 285,0 | 15         | 0,6  |
| 10   | 32,8 | 22,7                             | 15,3   | 23         | 0,9  | 113,6 | 250,8 | 18         | 0,7  |
| 11   | 36,1 | 18,3                             | 12,3   | 27         | 1,1  | 100,7 | 222,3 | 22         | 0,9  |
| 12   | 39,4 | 15,0                             | 10,1   | 33         | 1,3  | 89,8  | 198,1 | 26         | 1,0  |



1 inch = 25,4 mm | 1 m = 3.28 ft | 1 lbs = 0,453 kg

Spans must be supported at each end.  
Loads must be suspended from bottom chord only.

- Tuv certification only valid for loading table above.
- Loading figures are only valid for static loads.
- Loading figures are only valid for single spans with supports at both ends.
- All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer or Prolyte Group for assistance.
- Loading figures are calculated according to and in full compliance with European standards (Eurocode).
- The self-weight of the trusses is already taken into account.
- Loading figures are only valid for the cross sectional orientation of the truss as shown by the icon in the loading table.
- The interaction between bending moment and shear force at the connection point is already taken into account.
- Truss spans can be assembled from different truss lengths.
- Read the manual before assembling, using and loading the truss.

