

## TrekTruss



**TrekTruss® (by ShowTrek) is a heavy duty monotruss designed to support distributed loads over wide spans and point loads of up to 1200kg.**

Suitable for theatrical head batens, lighting bars, industrial trolley rails.

Features:

- High strength tempered aluminium
- One piece extrusion
- Available in 2 – 7.3 metre lengths, or combined to any length
- Seamless joints
- Plain aluminium or powder-coat finish to most colours
- Suitable for pipe trolleys (see ShowTrek TrekTrolley)
- The brace panel between the top and bottom chords can be profile cut to suit specific requirements.

### TREKTRUSS SPAN TABLE

Span (see note 1)	Allowable Working Concentrated Load (see note 2)	Allowable Working Uniform Load (see note 3)
1m	1200kg	1700kg/m
2m	700kg	700kg/m
3m	500kg	330kg/m
4m	450kg	200kg/m
5m	350kg	130kg/m

Notes:

1. The Gate Beam Truss shall be supported by rigging supports at each end of the span.
2. The concentrated load can be applied anywhere along the beam.
3. The uniform load shall be provided evenly along the whole span.
4. **TrekTruss weight: 5.8kg/metre**
5. **TrekTruss rigging and hardware weight:** subject to application, contact ShowTrek

### TREKTRUSS CANTILEVER SPAN TABLE

Cantilever (see note 6)	Allowable Working Concentrated Load at maximum cantilever (see note 7)	Allowable Working Uniform Load (see note 8)
0.5m	200kg ***	
1m	150kg ***	180kg/m
1.5m	120kg ***	90kg/m

Notes:

6. The Gate Beam Truss shall be supported by a rigging support where the cantilever begins, and the beam must continue past the support and be supported by at least three other rigging points to the back span of the beam.
7. The concentrated load can be applied anywhere along the cantilever, including at the very end.  
 \*\*\* Additional onstage counterweight may be necessary when applying the maximum allowable cantilever load, subject to the total mass of the Head Batten
8. The uniform load shall be provided evenly along the whole length of the cantilever