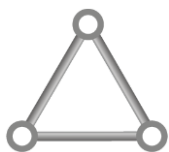


# P33 TRUSS LOADING CHART

Span width		Uniformly distributed load UDL			Centre point load CPL			Third point load TPL		Quarter point load QPL		Fifth point load FPL	
m	ft	kg/m	lbs/ft	cm	kg	lbs	cm	kg	lbs	kg	lbs	kg	lbs
3	9,8	425	285	0,7	565	1247	0,5	394	870	304	670	241	531
4	13,1	241	162	1,3	436	961	1,0	310	685	230	507	184	407
5	16,4	153	103	2,1	354	780	1,5	253	559	184	407	149	330
6	19,7	105	71	3,0	296	654	2,3	214	472	154	339	125	275
7	23,0	76	51	4,1	254	560	3,1	184	407	131	289	107	236
8	26,2	58	39	5,3	220	486	4,1	161	357	113	250	92	204
9	29,5	45	30	6,8	194	428	5,3	143	315	99	219	81	180
10	32,8	36	24	8,4	172	380	6,6	127	280	88	195	72	160
11	36,1	29	19	10,1	154	340	8,1	114	252	78	173	65	143
12	39,4	24	16	12,1	139	306	9,7	103	227	71	156	58	129
13	42,7	19	13	14,2	125	276	11,5	93	207	63	141	52	116
14	45,9	16	11	16,6	113	250	13,5	85	188	57	127	47	105
15	49,2	14	9	19,1	102	227	15,7	78	172	52	115	43	96
16	52,5	12	8	21,7	93	206	18,1	71	156	47	105	39	87

## NOTES:

- TÜV certification only valid for loading table above.
- The values are characteristic according to Eurocode (European standards). Partial safety factors (1,35/1,5) are considered.
- Interaction of internal forces at connector are considered.
- The table data have no limitation of deflection.
- The loads are only valid for static loads. The system is perfect and secured against lateral buckling.
- All static systems, other than single spans, need an individual structural calculation. Please contact a structural engineer.
- The self-weight of the truss system is considered.
- Loading figures are only valid for single spans with supports at both ends.
- The deflection is calculated for a single truss span.
- Load application occurs directly in the nodes and both framework sides are loaded equally.
- The values are only valid for the single span girders analysed here. Complex structures are not covered by this!
- Read the manual before assembling, using and loading the truss.



## SPECIFICATIONS

**CHORDS** Ø50x2mm  
**BRACES** Ø16x2mm  
**DIMENSIONS** 290x290mm

