


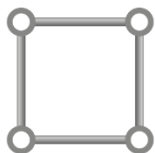
P24 TRUSS LOADING CHART



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	Deflection cm	kg	lbs	Deflection cm	kg	lbs	kg	lbs	kg	lbs
2	6,56	126	85	0,09	253	558	0,16	126	279	84	186	63	139
3	9,84	83	56	0,27	250	552	0,45	125	276	83	184	62	138
4	13,12	62	41	0,61	202	447	0,81	124	273	82	182	62	136
5	16,40	49	32	1,16	165	365	1,27	116	256	81	180	61	135
6	19,69	40	27	1,98	139	307	1,85	98	217	74	163	58	129
7	22,97	34	23	3,12	119	263	2,55	85	188	63	138	50	110
8	26,25	28	19	4,47	103	228	3,38	74	164	54	119	43	95
9	29,53	21	14	5,65	90	200	4,34	65	144	47	104	37	83
10	32,81	17	11	6,97	79	176	5,44	58	128	41	91	33	73

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 Ø35x1,5mm
BRACES Ø8x2mm
DIMENSIONS 220x220mm

