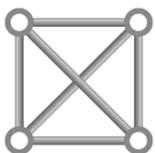


P30 TRUSS LOADING CHART

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
3	9,8	651	438	0,6	1181	2604	0,5	796	1754	638	1408	488	1077
4	13,1	487	327	1,3	939	2071	1,0	645	1422	515	1135	403	888
5	16,4	351	236	2,4	774	1708	1,7	540	1191	416	918	330	617
6	19,7	245	164	3,4	656	1448	2,5	464	1024	348	769	279	531
7	23,0	179	120	4,7	568	1253	3,4	405	892	300	661	240	465
8	26,2	136	91	6,1	501	1106	4,6	359	793	263	580	211	414
9	29,5	107	72	7,8	444	979	5,9	320	706	233	513	188	373
10	32,8	86	57	9,7	399	881	7,3	290	639	207	457	169	337
11	36,1	70	47	11,7	361	796	9,0	263	581	187	413	152	337
12	39,4	58	39	14,0	328	724	10,8	241	531	170	375	138	305
13	42,7	49	33	16,5	300	662	12,8	220	486	155	341	127	280
14	45,9	41	28	19,2	276	608	15,0	203	449	142	313	116	256
15	49,2	35	24	22,0	254	561	17,4	187	414	130	288	107	236
16	52,5	30	20	25,1	235	519	20,1	173	383	120	264	99	218
17	55,8	26	17	28,4	217	478	22,8	161	357	111	245	91	201
18	59,1	23	15	31,9	201	444	25,9	150	331	102	226	84	187
19	62,3	20	13	35,6	186	410	29,1	139	308	95	209	78	173
20	65,6	17	12	39,6	173	382	32,6	130	286	88	194	73	160

NOTES:

- Tuv 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

