

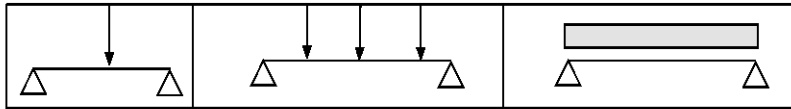
FLAT SECTION TRUSS		
Code	Length (cm)	weight (kg)
T30P/400	400	13.30
T30P/350	350	12.20
T30P/300	300	10.90
T30P/250	250	8.90
T30P/200	200	7.40
T30P/150	150	5.80
T30P/100	100	4.20
T30P/50	50	2.80
T30P/25	25	1.60
T30P/10	10	1.20

INERTIAL PROPERTIES		
Area (A)		9.03 cm ²
Elastic modulus (E)	700.000	Kg / cm ²
Moment of inertia (I _{yy})		771 cm ⁴
Moment of inertia (I _{xx})		763 cm ⁴
Elastic section modulus (W _y)		63 cm ³
Elastic section modulus (W _x)		63 cm ³
Right weight		3.90 Kg/ml

TECHNICAL SPECIFICATION	
Section:	Triangular side 29 cm
Material:	Aluminium EN AW 6082 T6
Ends :	Fast conical connection system Aluminium EN AW 6082 T6
Connection:	SSF03T
Welding:	TIG UNI EN 9606-2:2006
Main tubes :	Ø50x2 mm (EN AW 6082 T6)
Diagonals:	Ø16x2 mm (EN AW 6082 T6)

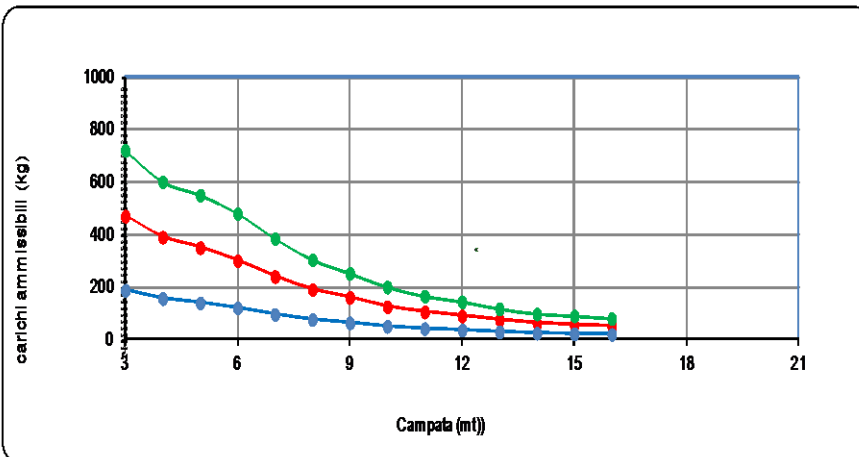
TRIANGULAR TRUSS

TABLE OF PERMISSIBLE LOADS



Light (mt)	Load (kg)	Central deflection (mm)	Load (kg)	Total Load (kg)	Central deflection (mm)	Load (kg)	Total Load (kg)	Central deflection (mm)
16	50	142	20	60	142	5	80	142
15	55	125	22	66	125	6	90	125
14	62	106	25	74	106	7	98	106
13	74	93	30	89	93	9	117	93
12	90	83	36	108	83	12	144	83
11	105	69	42	126	69	15	165	69
10	125	59	50	150	59	20	200	59
9	160	51	64	192	51	28	252	51
8	190	42	76	228	42	38	304	42
7	240	35	96	288	35	55	385	35
6	300	26	120	360	26	80	480	26
5	350	17	140	420	17	110	550	17
4	390	10	156	468	10	150	600	10
3	470	5	188	564	5	240	720	5

The calculation at the base of the table has been prepared in accordance with the UNI EN 1999-1-1. The book values shown are net of the weight of the single span. The arrow includes the weight of the single span. The framework must be considered as an ideal condition, will be the customer will analyze the structure in the light of the actual conditions of load, constraint and use



uniform load
 Load L/2
 Load L/4