

FLAT SECTION TRUSS

Code	Length (cm)	weight (kg)
T30P/400	400	8,075
T30P/350	350	7,145
T30P/300	300	6,196
T30P/250	250	5,257
T30P/200	200	4,315
T30P/150	150	3,378
T30P/100	100	2,439
T30P/50	50	1,439
T30P/25	25	0,700
T30P/10	10	0,450

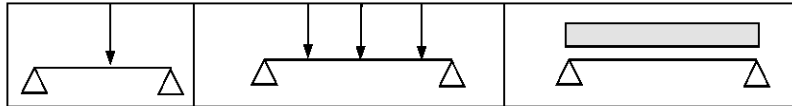
INERTIAL PROPERTIES

Area (A)	6.02 cm ²
Elastic modulus (E)	700.000 Kg / cm ²
Moment of inertia (I _{yy})	864 cm ⁴
Elastic section modulus (W _y)	60 cm ³
Right weight	2.50 Kg/ml

TECHNICAL SPECIFICATION

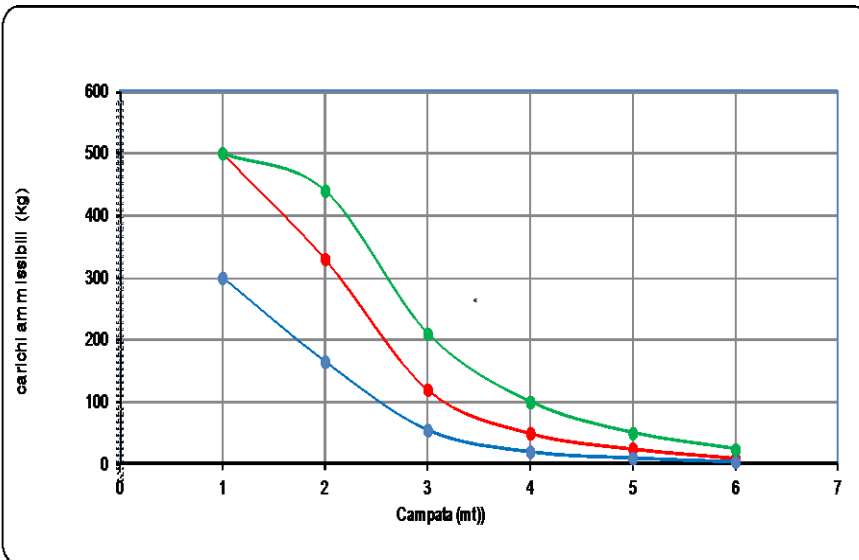
Section:	flat side 29 cm
Material:	Aluminium EN AW 6082 T6
Ends :	Fast conical connection system Aluminium EN AW 6082 T6
Connection:	SSF02T
Welding:	TIG UNI EN 9606-2:2006
Main tubes :	Ø50x2 mm (EN AW 6082 T6)
Diagonals:	Ø16x2 mm (EN AW 6082 T6)

TABLE OF PERMISSIBLE LOADS



Lenght (m)	Load (kg)	Central deflection (mm)	Load (kg)	Full Load (kg)	Central deflection (mm)	Load (kg)	Full Load (kg)	Central deflection (mm)
6	10	1,28	4	24,00	1,30	4	24	1,23
5	25	1,24	10	50,00	1,28	10	50	1,19
4	50	1,22	20	80,00	1,27	25	100	1,27
3	120	1,31	55	165,00	1,27	70	210	1,35
2	330	1,33	165	330,00	1,26	320	440	1,38
1	500	0,44	300	300,00	0,31	500	500	0,10

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