

FLAT SECTION TRUSS

Code	Length (cm)	weight (kg)
T30TS/400	400	17.30
T30TS/350	350	16.60
T30TS/300	300	14.70
T30TS/250	250	12.30
T30TS/200	200	10.10
T30TS/150	150	7.90
T30TS/100	100	5.80
T30TS/50	50	3.70
T30TS/25	25	2.50
T30TS/10	10	1.70

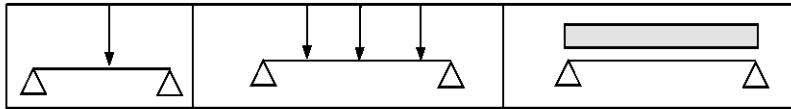
INERTIAL PROPERTIES

Area (A)	13.20	cm ²
Elastic modulus (E)	700.000	Kg / cm ²
Moment of inertia (I _{yy})	1074	cm ⁴
Moment of inertia (I _{xx})	1057	cm ⁴
Elastic section modulus (W _y)	73	cm ³
Elastic section modulus (W _x)	73	cm ³
Right weight	4.90	Kg/ml

TECHNICAL SPECIFICATION

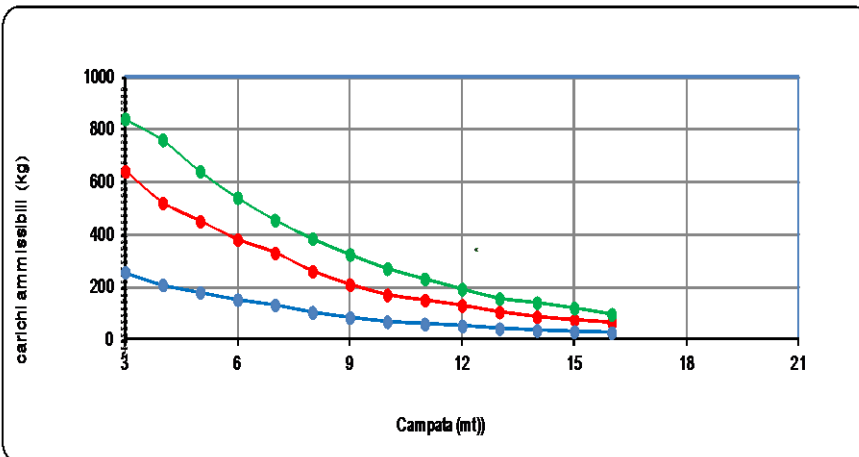
Section:	Triangular side 29 cm
Material:	Aluminium EN AW 6082 T6
Ends :	Fast conical connection system Aluminium EN AW 6082 T6
Connection:	SSF03T
Welding:	TIG UNI EN 9606-2:2006
Main tubes :	Ø50x3 mm (EN AW 6082 T6)
Diagonals:	Ø16x2 mm (EN AW 6082 T6)

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	65	131	26	78	131	6	96	132
15	75	115	30	90	115	8	120	115
14	87	100	35	104	100	10	140	101
13	105	93	42	126	93	12	156	85
12	130	82	52	156	82	16	192	76
11	150	69	60	180	69	21	231	66
10	170	57	68	204	57	27	270	55
9	210	50	84	252	50	36	324	47
8	260	41	104	312	41	48	384	39
7	330	34	132	396	34	65	455	30
6	380	26	152	456	26	90	540	22
5	450	17	180	540	17	128	640	15
4	520	10	208	624	10	190	760	9
3	640	5	256	768	5	280	840	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