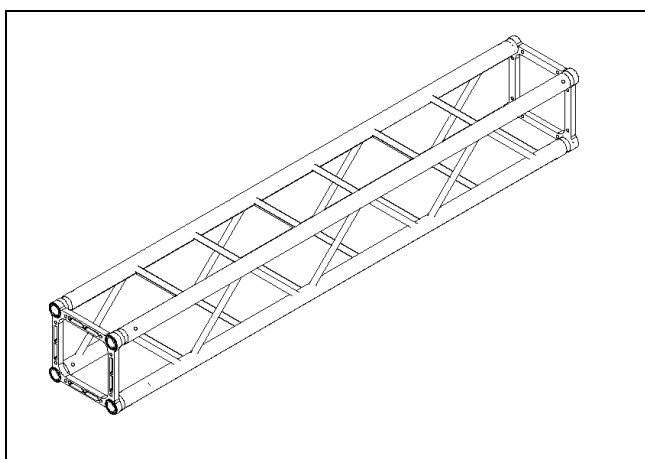
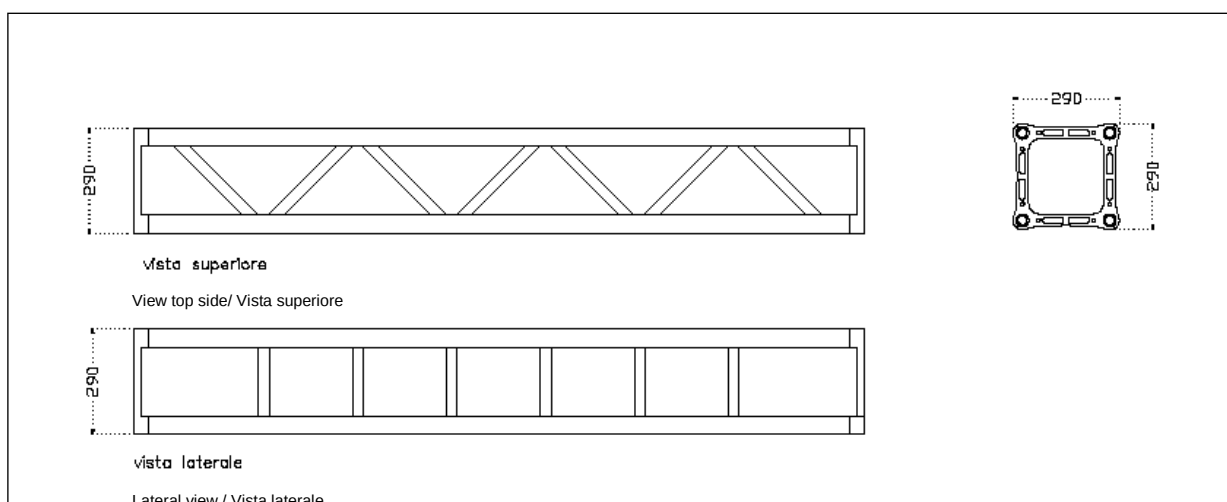




SQUARE SECTION TRUSS

Code	Length (cm)	Weight (kg)
<u>SS30/400</u>	<u>400</u>	<u>27.99</u>
<u>SS30/350</u>	<u>350</u>	<u>24.50</u>
<u>SS30/300</u>	<u>300</u>	<u>21.02</u>
<u>SS30/250</u>	<u>250</u>	<u>18.23</u>
<u>SS30/200</u>	<u>200</u>	<u>15.10</u>
<u>SS30/150</u>	<u>150</u>	<u>12.30</u>
<u>SS30/100</u>	<u>100</u>	<u>8.82</u>
<u>SS30/50</u>	<u>50</u>	<u>5.70</u>
<u>SS30/25</u>	<u>25</u>	<u>3.92</u>
<u>SS30/10</u>	<u>10</u>	<u>3.40</u>

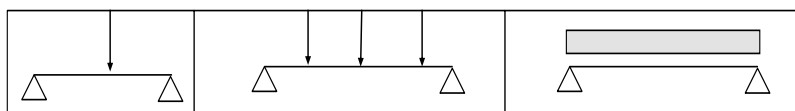
INERTIAL PROPERTIES

Area /Area (A)	17,70 cm ²
Modulo elastico/ Elastic modulus (E)	700.000 Kg / cm ²
Momento d'inerzia / Moment of inertia (I _{yy})	2550 cm ⁴
Momento d'inerzia / Moment of inertia (I _{xx})	2550 cm ⁴
Modulo di resistenza elastico/ Elastic section modulus (W _y)	176 cm ³
Modulo di resistenza elastico/ Elastic section modulus (W _x)	176 cm ³
Peso Proprio / Right weight	8.00 Kg/ml

TECHNICAL DATA

Sezione / Section:	Square 29 cm long sides
Materiale / Material:	Aluminium EN AW 6082 T6
Ends :	Aluminum casting plate EN AC-42200 T6 with long insert <i>Security System</i>
Connessione / Connection:	SSF04 – KB8
Saldatura / Welding:	TIG* UNI EN 287-2
Paralleli /Main tubes :	Ø50x3 mm (EN AW 6082 T6)
Trasversali / Diagonals:	Ø30x3 mm (EN AW 6082 T6)

TABLE OF MAXIMUM ALLOWABLE LOADS



luce (mt)	Carico (kg)	freccia in mezzzeria (mm)	Carico (kg)	Carico totale (kg)	freccia in mezzzeria (mm)	Carico (kg/ml)	Carico totale (kg)	freccia in mezzzeria (mm)
16	155	107	78	233	107	14	224	99
15	180	97	90	270	97	18	270	92
14	205	84	103	308	84	22	308	77
13	240	76	120	360	76	26	338	72
12	280	67	140	420	67	37	444	65
11	340	60	170	510	60	48	528	59
10	405	52	203	608	52	63	630	52
9	490	46	245	735	46	87	783	45
8	620	40	310	930	40	120	960	38
7	800	34	400	1200	34	180	1260	33
6	950	29	475	1425	29	240	1440	28
5	1150	23	575	1725	23	320	1600	17
4	1450	12	725	2175	12	430	1720	13
3	1800	6	950	2850	6	620	1860	8

Il calcolo alla base delle tabelle è stato eseguito in conformità alla norma UNI EN 1999-1-1.

I valori di carico riportati sono al netto del peso proprio della singola campata.

La freccia include il peso proprio della singola campata.

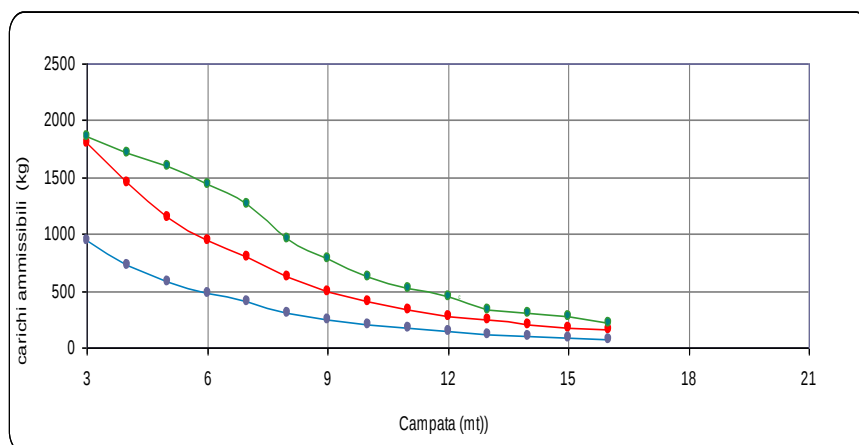
Lo schema di riferimento deve essere considerato come una condizione ideale, sarà quindi compito dell'utilizzatore analizzare la struttura alla luce delle reali condizioni di carico, vincolo ed impiego.

The calculation at the base of the table has been prepared in compliance with the UNI EN 1999-1-1.

The carrying values reported 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 up to the user to analyze the structure in light of the actual load conditions, constraint and use.



Uniformly distributed load

Centre point load

Quarte point load