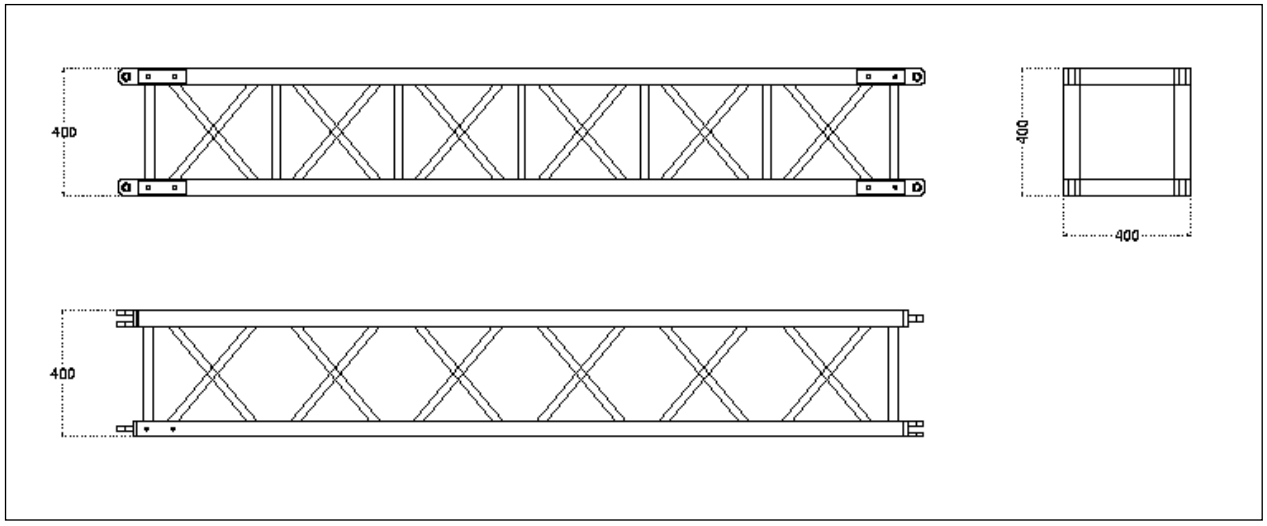
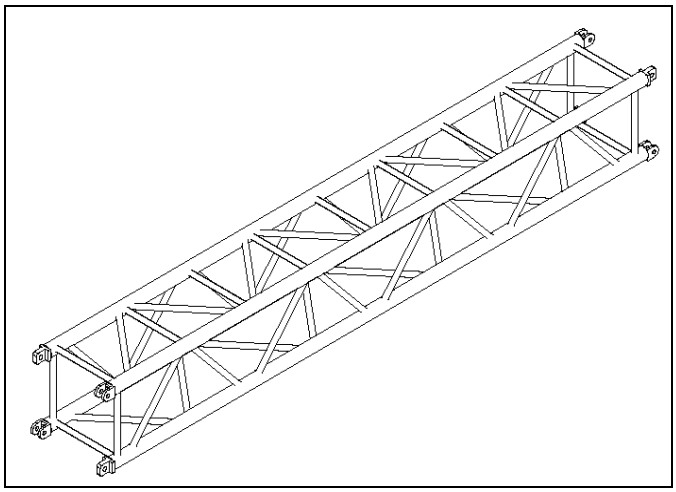
SS40AP

Square section high load aluminium truss **twist-resistant** version with **40 cm** long sides

Traliccio **Antitorsivo** sez. Quadrata lato **40 cm** (n°1 lato scala)





SQUARE SECTION TRUSS

Code	Length (cm)	Weight (kg)
SS40AP/300	300	32.00
SS40AP/250	250	27.50
SS40AP/200	200	23.50
SS40AP/150	150	20.00
SS40AP/100	100	15.50
SS40AP/50	50	12.00

INERTIAL PROPERTIES

Area /Area (A)		23.20 cm2
Modulo elastico/ Elastic modulus (E)	700.000	Kg / cm2
Momento d'inerzia / Moment of inertia (Iyy)		7105 cm4
Momento d'inerzia/ Moment of inertia (Ixx)		7105 cm4
Modulo di resistenza elastico/ Elastic section modulus (Wy)		355 cm3
Modulo di resistenza elastico/ Elastic section modulus (Wx)		355 cm3
Peso Proprio / Right weight (P)		10.50 Kg/ml

TECHNICAL DATA

Sezione / Section:	Square 40 cm long sides twist-resistant
Materiale / Material:	Aluminium EN AW 6082 T6
Ends :	Fork connection system
Connessione / Connection:	K52 Quick connection kit
Saldatura / Welding:	TIG* UNI EN 287-2
Paralleli /Main tubes :	Ø50x4,0 mm (EN AW 6082 T6)
Trasversali / Diagonals:	Ø25x2,0 mm (EN AW 6082 T6)
Paralleli /Main tubes :	Ø30x4,0 mm (EN AW 6082 T6)
Paralleli /Main tubes :	Ø20x2,5 mm (EN AW 6082 T6)

SQUARE TRUSS

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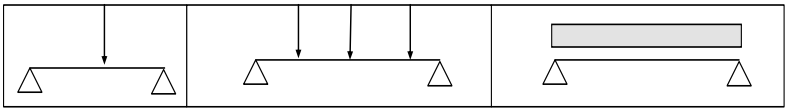
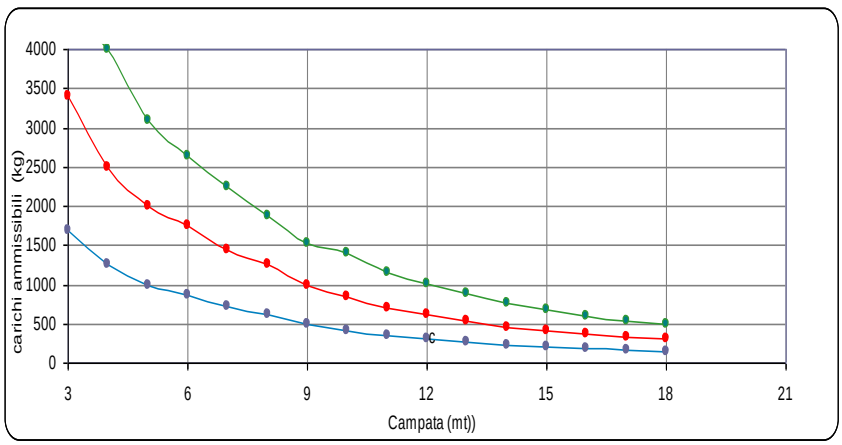
TABLE OF MAXIMUM ALLOWABLE LOADS



luce (mt)	Carico (kg)	freccia in mezzeria (mm)	Carico (kg)	Carico totale (kg)	freccia in mezzeria (mm)	Carico (kg/ml)	Carico totale (kg)	freccia in mezzeria (mm)
18	300	76	150	450	76	28	504	77
17	340	70	170	510	70	32	544	70
16	380	65	190	570	65	38	608	65
15	420	60	210	630	60	46	690	60
14	450	55	225	675	55	55	770	55
13	540	50	270	810	50	68	884	50
12	620	45	310	930	45	85	1020	46
11	700	40	350	1050	40	105	1155	40
10	840	35	420	1260	35	140	1400	37
9	1000	30	500	1500	30	170	1530	31
8	1250	25	625	1875	25	235	1880	26
7	1450	21	725	2175	21	320	2240	21
6	1750	16	875	2625	16	440	2640	15
5	2000	11	1000	3000	11	620	3100	12
4	2500	8	1250	3750	8	1000	4000	8
3	3400	4	1700	5100	4	1500	4500	4

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 distribued load

Centre point load

Quarte point load

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