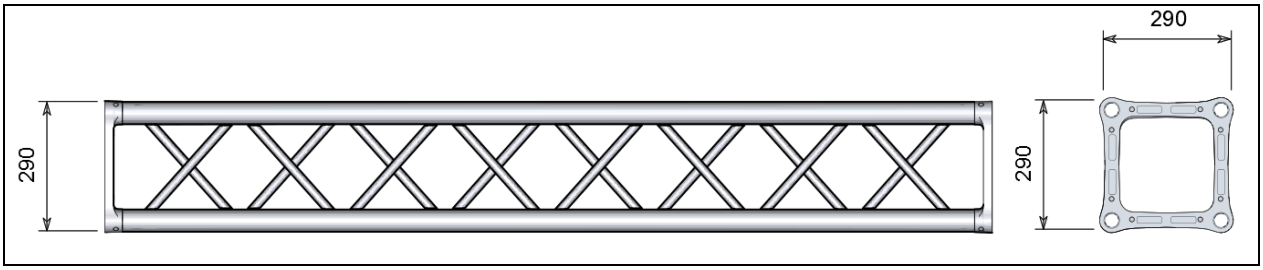
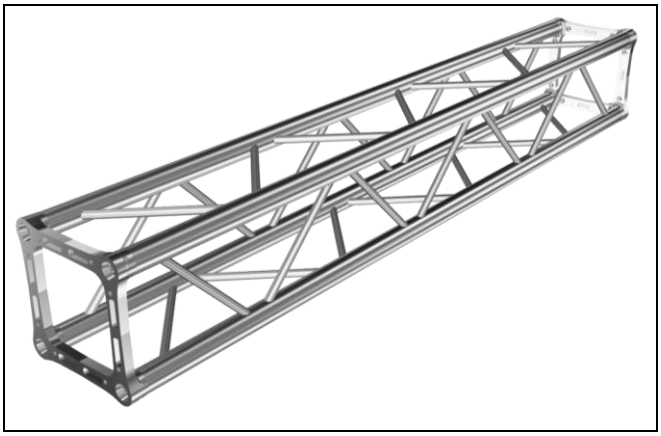
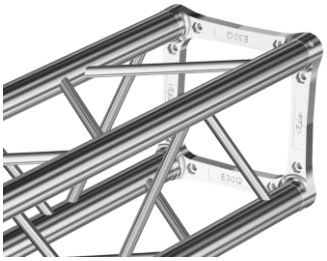
Square section aluminium truss with 29 cm long sides E30Q
Traliccio sezione quadrata lato 29 cm, in alluminio





Lunghezza longitudinale modulo (Longitudinal length form)		
Codice /Code	Luce/ light (cm)	Peso/ weight (kg)
E30Q/400	400	14.90
E30Q350	350	13.30
E30Q/300	300	11.60
E30Q/250	250	10.00
E30Q/200	200	8.40
E30Q/150	150	6.80
E30Q/100	100	5.20
E30Q/50	50	3.50
E30Q/25	25	2.90
E30Q/21	21	2.80
E30Q/10	10	2.50



Caratteristiche tecniche / technical features		
Area /Area (A)	12.04	cm2
Modulo elastico/ elastic modulus (E)	700.000	Kg /cm2
Momento d'inerzia / Moment of inertia (Iyy)	1240	cm4
Momento d'inerzia/ Moment of inertia (Ixx)	1240	cm4
Modulo di resistenza elastico/ Elastic section modulus (Wx)	99	cm3
Modulo di resistenza elastico/ Elastic section modulus (Wy)	99	cm3
Peso Proprio / Right weight (P)	3.80	Kg/ml

Specifica Tecnica / Technical Specification	
Sezione / section:	Square side 29 cm
Materiale / material:	Aluminium EN AW 6082 T6
Terminale/ terminal :	Aluminium casting plate EN AC-42200
Connessione / connection:	SSF04 – KB8
Saldatura / welding:	TIG* UNI EN 287-2
Paralleli /Main tubes :	Ø50x2 mm (EN AW 6082 T6)
Trasversali / Diagonali:	Ø18x1.5 mm (EN AW 6082 T6)

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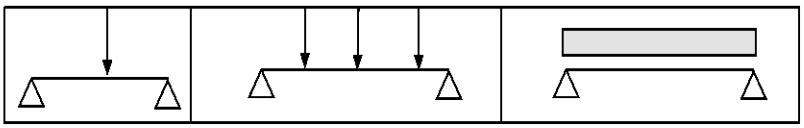
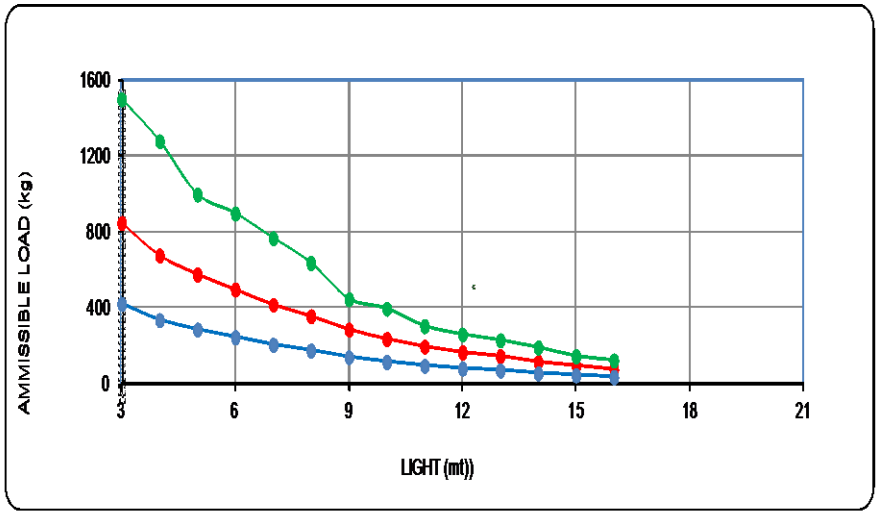
Tabelle dei carichi ammissibili / Tables of ammissible loads



Light (mt)	Load (kg)	Central deflection (mm)	Load (kg)	Total Load (kg)	Central deflection (mm)	Load (kg)	Total Load (kg)	Central deflection (mm)
16	80	113	40	120	113	8	128	113
15	100	100	50	150	100	10	150	98
14	120	89	60	180	89	14	196	87
13	150	80	75	225	80	18	234	80
12	170	70	85	255	70	22	264	69
11	200	63	100	300	63	28	308	60
10	240	55	120	360	55	40	400	55
9	290	46	145	435	46	50	450	46
8	360	40	180	540	40	80	640	42
7	420	30	210	630	30	110	770	32
6	500	22	250	750	22	150	900	24
5	580	14	290	870	14	200	1000	15
4	680	9	340	1020	9	320	1280	10
3	850	4	425	1275	4	500	1500	5

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.



Load L/2

Uniform Load

Load L/4

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