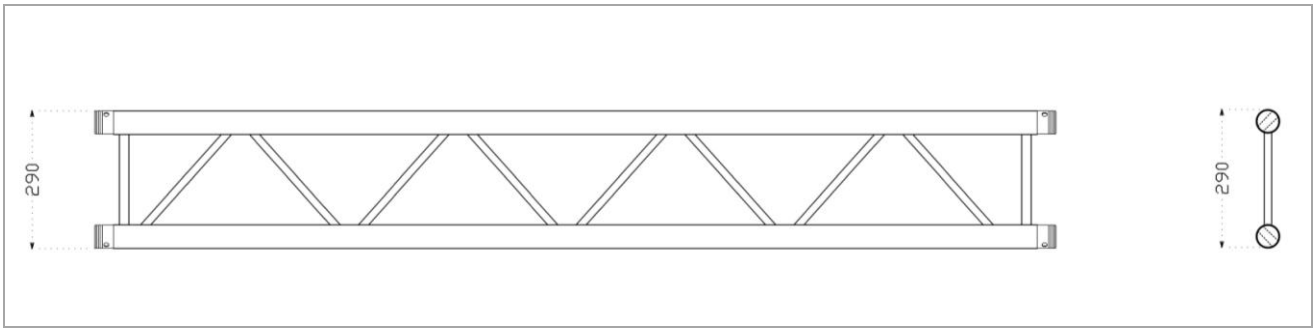
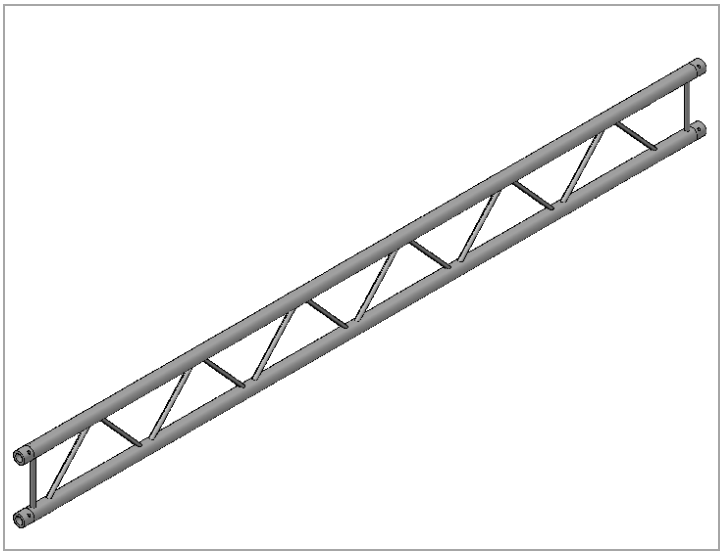
T30PS

Flat Section heavy duty aluminium truss with **29** cm long sides

Traliccio sezione **piana** lato **29** cm in alluminio - impieghi gravosi





FLAT SECTION TRUSS

Code	Length (cm)	weight (kg)
T30P/400	400	11,375
T30P/350	350	10,019
T30P/300	300	9,663
T30P/250	250	7,306
T30P/200	200	5,785
T30P/150	150	4,593
T30P/100	100	3,237
T30P/50	50	1,802
T30P/25	25	1.10
T30P/10	10	0.70

INERTIAL PROPERTIES

Area (A)	8.84 cm2
Elastic modulus (E)	700.000 Kg / cm2
Moment of inertia (Iyy)	1267 cm4
Elastic section modulus (Wy)	87 cm3
Right weight	2.80 Kg/ml

TECHNICAL SPECIFICATION

Section:	Flat sides 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 :	Ø50x3 mm (EN AW 6082 T6)
Diagonals:	Ø16x2 mm (EN AW 6082 T6)

FLAT TRUSS

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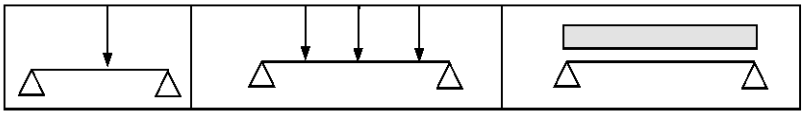
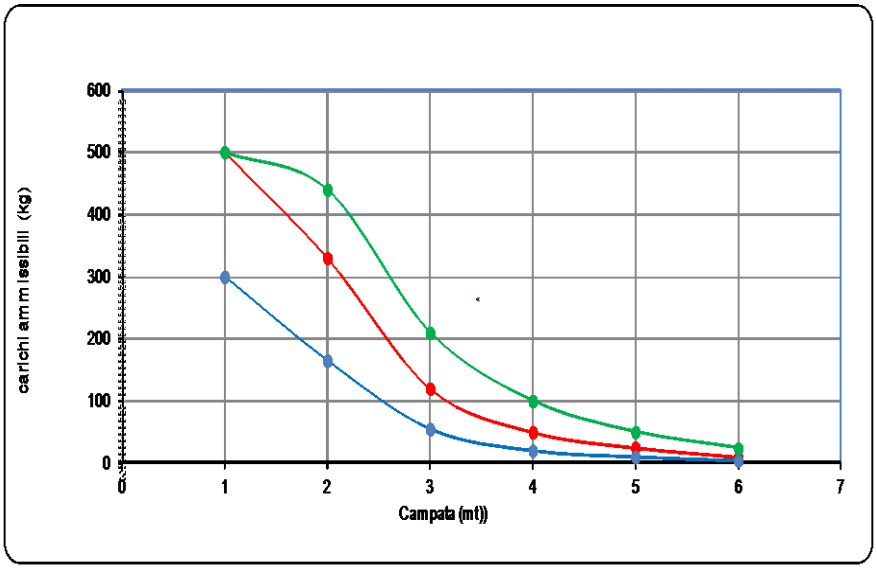
TABLE OF PERMISSIBLE LOADS



Lenght (mt)	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



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