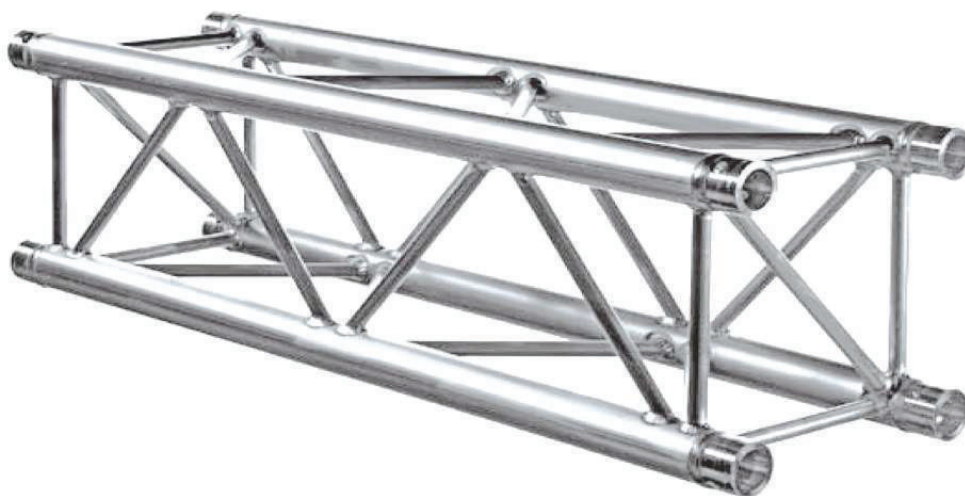




WQ30 SERIES

Le caratteristiche del WQ30 sono :
massima flessibilità, costruzioni
compatte, forti e facile
d'assemblare. La serie WQ30
inoltre ha la capacità di sostenere
un peso di carico discreto.

The characteristics of WQ30 are :
maximum flexibility, decorative,
compact construction, strenght
and easy to assembly. WQ30
series has the capacity to support
a discrete weight.



WQ30 top view



WQ30 side view



Traliccio in alluminio a sezione
quadrata con lato da 29 cm.

Square section truss with 29 cm
long sides.

A: Tubi correnti Ø 50x2 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 16x2 mm
Lega EN-AW 6082 T6

A: Chords extruded tube Ø 50x2 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 16x2 mm
EN-AW 6082 T6

WQ30

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WQ30/10.5	29x29x10.5	2.90
WQ30/21	29x29x21	3.30
WQ30/25	29x29x25	3.50
WQ30/50	29x29x50	4.70
WQ30/100	29x29x100	7.00
WQ30/150	29x29x150	9.40
WQ30/200	29x29x200	11.70
WQ30/250	29x29x250	14.10
WQ30/300	29x29x300	16.40
WQ30/350	29x29x350	18.70
WQ30/400	29x29x400	21.10



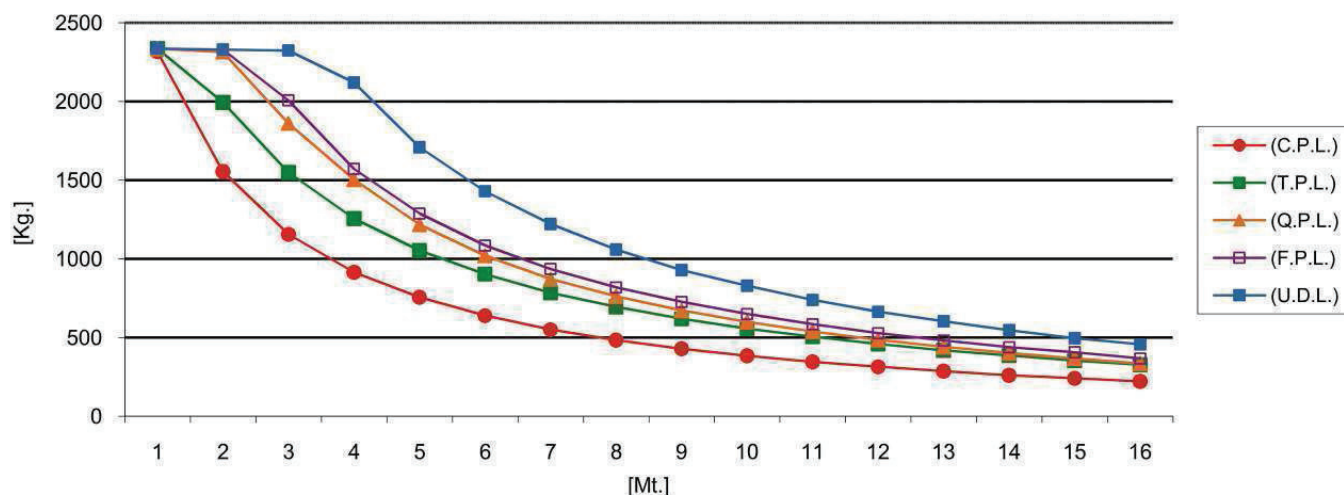
LOAD TABLE WQ30

Span [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]
1	2318	2318	0,5	1168	2336	0,4	778	2335	0,3	584	2336	0,3	2336	2336	0,2
2	1555	1555	2	998	1995	2	771	2313	2	583	2330	2	1165	2330	2
3	1156	1156	3	775	1549	6	620	1860	6	502	2007	6	775	2324	6
4	915	915	4	629	1257	12	501	1503	13	393	1572	13	530	2120	16
5	756	756	11	527	1054	18	406	1217	22	322	1288	22	342	1710	24
6	639	639	16	452	904	29	340	1019	29	271	1085	29	238	1430	34
7	550	550	23	393	786	41	290	871	42	234	936	42	175	1222	46
8	484	484	35	348	696	53	254	762	54	205	819	54	133	1060	59
9	429	429	46	310	620	69	224	672	70	182	727	70	103	930	77
10	384	384	56	279	558	86	200	599	88	163	650	88	83	830	95
11	345	345	71	253	506	107	180	539	106	146	585	108	67	740	115
12	314	314	88	230	460	129	162	486	127	132	528	131	55	665	136
13	286	286	104	210	420	151	147	441	149	120	481	155	47	605	160
14	260	260	125	193	386	178	134	402	174	110	439	180	39	548	185
15	241	241	144	177	354	204	122	367	199	102	407	200	33	497	211
16	221	221	168	164	328	236	112	335	227	92	368	234	29	458	240

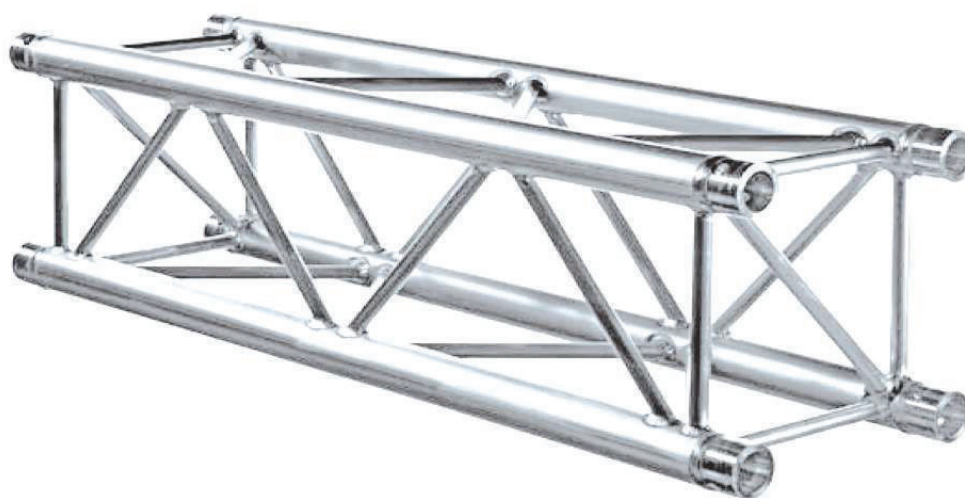
Calcolo eseguito in conformità della norma Europea **Eurocodice 9, UNI ENV 1992**, "Progetto di strutture in alluminio"

Calculated according to European **Eurocode 9, UNI ENV 1992** "Project of aluminum structures".

Description	Specification
External dimension	290 x 290 mm
Alloy	EN-AW 6082 T6
Main tube	Ø 50x2 mm EN-AW 6082 T6
Braces	Ø 16x2 mm EN-AW 6082 T6
Connecting	WKC Spigot series
Welding process	TIG (EWF - EN ISO 9606-2 - 2004)
Available length (cm)	50-100-150-200-250-300-350-400



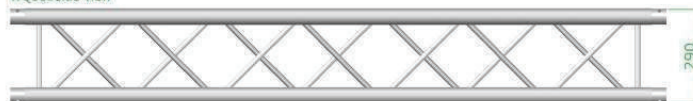
WQ30S SERIES



WQ30S top view



WQ30S side view



Traliccio in alluminio a sezione quadrata rinforzato con lato da 30 cm.

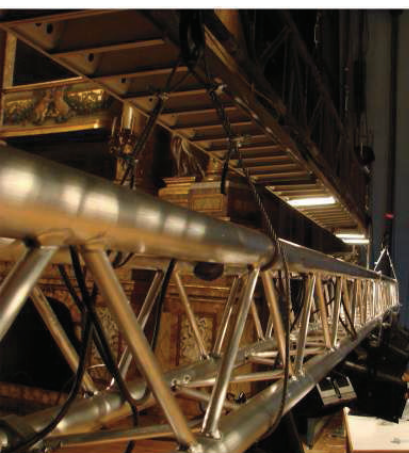
Square section truss with 30 cm long sides heavy duty.

A: Tubi correnti Ø 50x3 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 20x2 mm
Lega EN-AW 6082 T6

A: Chords extruded tube Ø 50x3 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 20x2 mm
EN-AW 6082 T6

WQ30S

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WQ30S/10.5	29x29x10.5	1.60
WQ30S/21	29x29x21	3.10
WQ30S/25	29x29x25	3.30
WQ30S/50	29x29x50	4.50
WQ30S/100	29x29x100	7.60
WQ30S/150	29x29x150	10.60
WQ30S/200	29x29x200	13.60
WQ30S/250	29x29x250	16.70
WQ30S/300	29x29x300	20.10
WQ30S/350	29x29x350	23.40
WQ30S/400	29x29x400	26.50



LOAD TABLE WQ30S

Span [m]	Centre Point Load (C.P.L.)			Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]	Point Load [Kg]	Full Load [Kg]	Central Deflection [mm]
1	2865	2865	0,3	1654	3308	0,3	1191	3574	0,3	939	3756	0,3	4579	4579	0,2
2	2014	2014	2	1253	2505	2	949	2848	2	775	3101	2	2239	4478	2
3	1540	1540	5	999	1997	6	783	2348	6	656	2622	6	1211	3633	6
4	1240	1240	9	827	1654	12	663	1988	13	537	2147	13	724	2895	16
5	1034	1034	15	702	1403	19	571	1714	22	444	1777	22	467	2333	24
6	885	885	24	608	1215	26	481	1442	29	378	1510	29	324	1944	34
7	770	770	33	534	1067	39	412	1236	42	327	1306	42	236	1650	46
8	680	680	44	475	950	52	359	1078	54	287	1149	54	178	1420	59
9	602	602	56	425	850	68	318	955	70	255	1018	70	139	1250	77
10	540	540	70	385	770	82	284	852	88	228	911	88	110	1100	95
11	485	485	86	348	696	104	254	763	106	205	820	108	89	980	115
12	440	440	104	327	654	123	230	689	127	188	750	131	73	870	136
13	403	403	122	290	579	145	208	624	149	170	680	155	60	780	160
14	367	367	140	265	529	172	190	569	174	154	616	180	50	699	185
15	337	337	165	244	487	200	173	518	199	141	563	200	42	625	211
16	308	308	190	225	449	230	158	473	227	129	515	234	37	590	240
17	281	281	220	206	412	259	144	433	254	119	474	265	34	571	269
18	258	258	250	191	382	295	132	395	287	108	432	296	28	503	303

Calcolo eseguito in conformità della norma Europea Eurocodice 9, UNI ENV 1992, "Progetto di strutture in alluminio"

Calculated according to European Eurocode 9, UNI ENV 1992 "Project of aluminum structures".

Description	Specification
External dimension	290 x 290 mm
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