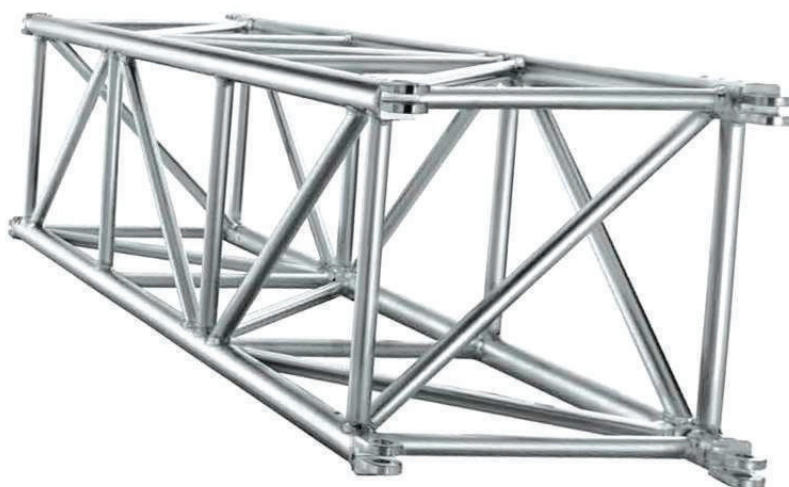
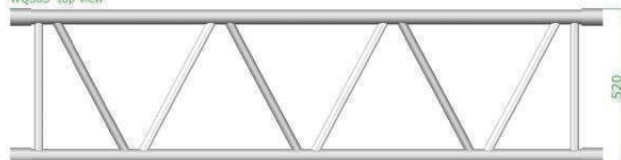


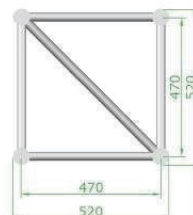
WQ50S SERIES



WQ50S top view



WQ50S side view



Traliccio in alluminio a sezione
quadra rinforzata con lato 52 cm.

Square section truss with
52 cm long sides high load.

A: Tubi correnti Ø 50x4 mm
Lega EN-AW 6082 T6

A: Chords extruded tube Ø 50x4 mm
EN-AW 6082 T6

B: Diagonali Ø 30x3 mm
Lega EN-AW 6082 T6

B: Diagonals extruded tube Ø 30x3 mm
EN-AW 6082 T6

Tipo di Connessione: Spigot / Forche

Connection tipe: Spigots or Fork

WQ50S

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WQ50S/60	52x52x60	13.20
WQ50S/80	52x52x80	15.10
WQ50S/100	52x52x100	16.90
WQ50S/130	52x52x130	19.20
WQ50S/150	52x52x150	22.30
WQ50S/160	52x52x160	23.50
WQ50S/200	52x52x200	26.70
WQ50S/240	52x52x240	29.80
WQ50S/300	52x52x300	36.60



LOAD TABLE WQ50S

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]
3	2210	2210	1	1240	2480	1	880	2640	1	688	2750	1	1108	3324	1
4	1990	1990	3	1140	2280	3	822	2465	3	648	2590	3	828	3312	3
5	1809	1809	5	1055	2110	5	770	2310	5	613	2450	5	660	3302	5
6	1650	1650	9	980	1960	9	724	2172	9	580	2321	9	548	3285	10
7	1520	1520	13	915	1830	12	683	2048	12	551	2204	14	457	3200	15
8	1400	1400	18	858	1715	18	646	1937	18	525	2100	19	387	3094	23
9	1314	1314	24	809	1618	24	612	1835	24	500	2001	26	330	2971	32
10	1226	1226	30	761	1522	33	581	1742	33	477	1909	34	282	2815	42
11	1150	1150	38	719	1438	40	551	1654	40	457	1826	44	243	2670	53
12	1070	1070	45	681	1362	49	523	1570	49	437	1748	56	212	2540	67
13	1010	1010	58	643	1285	60	500	1499	60	418	1670	71	186	2420	82
14	950	950	69	611	1221	73	477	1430	73	400	1601	86	163	2281	97
15	556	900	79	580	1159	86	457	1370	86	383	1532	102	144	2154	114
16	852	852	93	550	1100	101	435	1304	101	369	1475	115	127	2024	132
17	805	805	109	523	1045	117	414	1242	117	350	1400	134	113	1927	153
18	760	760	124	499	998	134	397	1190	134	330	1320	156	102	1830	174
19	724	724	140	476	952	153	380,67	1142	153	312	1248	174	91	1730	196
20	690	690	160	453	906	173	364	1092	173	295,5	1182	195	80	1630	219

Calcolo eseguito in conformità della norma Europea **Eurocode 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	520 x 520 mm
Alloy	EN-AW 6082 T6
Main tube	Ø 50x4 mm EN-AW 6082 T6
Braces	Ø 30x3 mm EN-AW 6082 T6
Connecting	Forks connection / Spigots
Welding process	TIG (EWF - EN ISO 9606-2 - 2004)
Available length (cm)	60-80-100-130-150-160-200-240-300

