



WQ25 SERIES

I tralicci della serie WQ25 sono in grado di assicurare una discreta qualità di carico. Data la loro leggerezza e praticità di assemblaggio permettono di realizzare strutture professionali per vari ambienti e occasioni.

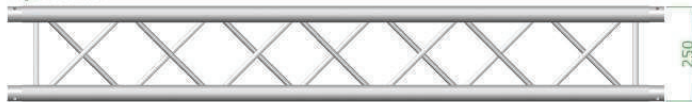
Trusses WQ25 series are able to ensure a good quality of load. Light weight and practicality assembly permit to create structure for different environments and occasion.



WQ25 top view



WQ25 side view



Traliccio in alluminio a sezione quadrata con lato da 25 cm.

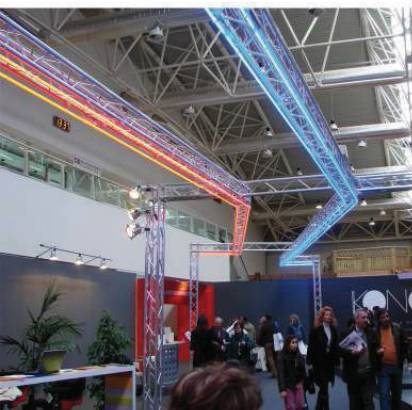
Square section truss with 25 cm long sides.

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

TRUSS WQ25

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WQ25/12.5	25x25x12.5	2.40
WQ25/25	25x25x25	2.70
WQ25/50	25x25x50	3.40
WQ25/75	25x25x75	4.20
WQ25/100	25x25x100	5.10
WQ25/150	25x25x150	6.70
WQ25/200	25x25x200	8.30
WQ25/250	25x25x250	9.90
WQ25/300	25x25x300	11.50
WQ25/350	25x25x350	13.20
WQ25/400	25x25x400	14.80



LOAD TABLE WQ25

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	537	537	0,2	268	536	0,1	179	536	0,1	135	540	0,1	545	545	0,1
2	532	532	1	266	532	1	177	532	1	134	535	1	270	539	1
3	484	484	3	264	528	4	176	528	3	133	530	3	178	534	3
4	399	399	7	258	515	9	175	524	8	132	527	7	132	529	6
5	338	338	15	223	445	14	173	520	16	131	524	15	105	525	12
6	292	292	21	195	390	23	157	470	25	128	510	25	87	520	22
7	255	255	30	173	346	33	141	423	37	113	450	37	74	515	36
8	226	226	39	155	310	45	125	375	50	100	400	49	64	510	54
9	202	202	51	140	279	59	111	332	64	89	354	65	52	470	71
10	182	182	65	126	252	75	100	299	80	79	315	80	42	422	89
11	164	164	80	115	230	94	88	265	99	73	290	100	35	380	111
12	150	150	98	105	210	114	79	238	119	65	260	120	29	345	130
13	135	135	116	96	192	136	73	218	142	60	240	141	24	318	155
14	125	125	137	88	175	160	66	197	166	54	215	164	21	290	181

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	250 x 250 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)	50-75-100-150-200-250-300-350-400

