

WT25 SERIES



WT25 top view



WT25 side view



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

Triangular 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

WT25

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WT25/12.5	25x22.5x12.5	1.20
WT25/25	25x22.5x25	1.40
WT25/50	25x22.5x50	2.30
WT25/75	25x22.5x75	2.80
WT25/100	25x22.5x100	3.50
WT25/150	25x22.5x150	4.70
WT25/200	25x22.5x200	5.90
WT25/250	25x22.5x250	7.10
WT25/300	25x22.5x300	8.30
WT25/350	25x22.5x350	9.40
WT25/400	25x22.5x400	10.50

LOAD TABLE WT25

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	476	476	0,2	268	476	0,1	159	476	0,1	119	476	0,1	476	476	0,1
2	359	359	1	232	464	1	158	474	1	119	474	1	237	474	1
3	270	270	3	179	357	4	143	430	3	115	460	3	157	470	3
4	215	215	7	146	291	9	116	347	8	91	362	7	117	468	10
5	178	178	12	121	242	14	94	283	16	74	297	15	78	390	18
6	152	152	19	104	207	23	79	237	25	63	251	25	55	330	27
7	135	135	27	91	181	33	66	199	34	53	212	37	39	274	37
8	110	110	37	80	159	45	58	175	48	46	182	46	30	239	49
9	103	103	48	70	139	57	51	153	55	40	159	59	23	208	62
10	92	92	59	63	125	70	43	129	70	35	139	74	18	179	80
11	81	81	74	58	115	89	40	120	85	32	128	91	14	159	92
12	74	74	88	51	102	104	36	107	102	29	115	109	12	144	111
13	66	66	111	47	94	119	32	97	121	25	99	129	10	124	128
14	60	60	119	43	85	147	28	85	144	22	88	148	8	113	151

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

