

W100S SERIES W100S



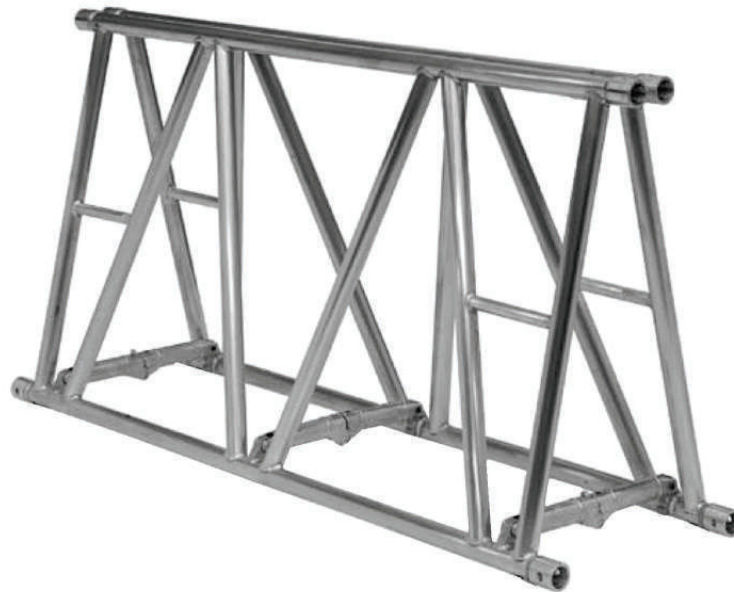
WT100S SERIES

WT100S è costruito con tubi di 50 x 4 mm. La Wonder truss fornisce una varietà di WT100S offrendo la massima flessibilità, come standard o personalizzati e diversi tipi di angoli. Per ovvi motivi il WT100S non è disponibile in sezioni curve.

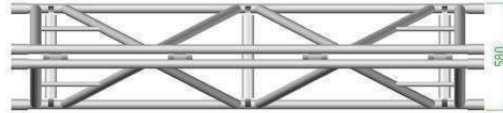
Questo traliccio è adatto solo per carichi verticali. È possibile combinare il traliccio WT100S con il WT52S oppure WR36S. Extra bretelle orizzontali sono saldati tra le diagonali rendendo così possibile ai tecnici di scalare il traliccio. Il WT100S può salvare fino al 70 – 80 % dello spazio del camion e del magazzino.

WT100S truss is constructed of main tubes of 50 x 4 mm and diagonals of 50 x 3 mm. Wonder truss supplies a variety of WT100S truss that provide maximum flexibility, like standard or custom – made lengths and several types of corners. For obvious reasons, the WT100S is not available in curved sections.

This truss is suited for vertical loading only. Is possible to combine the WT100S truss with the WT52S or WR36S. Extra horizontal braces are welded between the diagonals to make it possible for the technicians to climb the truss. The WT100S folding truss can save up to 70 – 80 % of warehouse and truck space.



WT100S top view



WT100S side view



Traliccio in alluminio a sezione Triangolare rinforzato richiudibile con lato 100x50 cm.

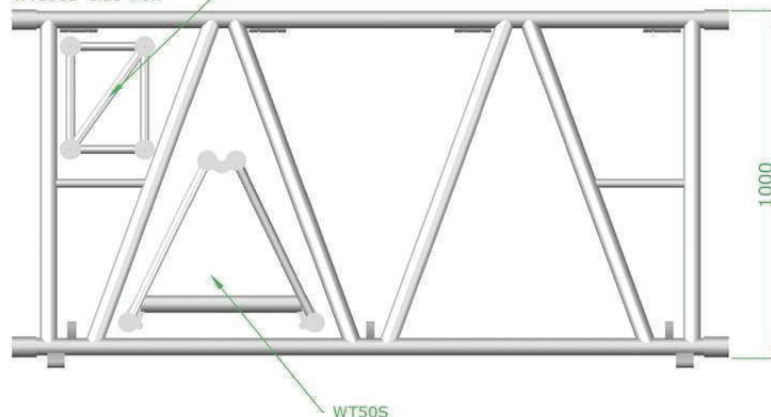
A: Tubi correnti Ø 50x4 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 50x3 mm
Lega EN-AW 6082 T6

Triangular section truss foldable with 100x50 cm long sides high load.

A: Chords extruded tube Ø 50x4 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 50x3 mm
EN-AW 6082 T6

WT100S CODE	DIMENSIONS (cm)	WEIGHT (kg)
WT100S/100	100x58x100	17.50
WT100S/120	100x58x120	21.00
WT100S/200	100x58x200	35.00
WT100S/240	100x58x240	42.00
WT100S/300	100x58x300	52.50

WT100S side view



LOAD TABLE WT100S

Spam [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]
2,4	2054	2054	0,2	1027	2054	0,2	683	2049	0,2	512	2048	0,2	864	2074	0,1
4,8	2054	2054	2	1027	2054	2	683	2049	2	512	2048	2	423	2030	1
7,2	1852	1852	5	925	1850	5	616	1848	5	461	1844	5	276	1987	3
9,6	1642	1642	10	820	1640	10	546	1638	10	409	1636	10	203	1949	7
12	1475	1475	18	737	1474	18	490	1470	18	367	1468	18	159	1908	14
14,4	1339	1339	28	668	1336	28	444	1332	28	353	1412	28	129	1858	24
16,8	1225	1225	40	611	1222	40	407	1221	40	304	1216	40	108	1814	38
19,2	1130	1130	55	563	1126	55	375	1125	55	280	1120	55	93	1786	56
21,6	1048	1048	73	523	1046	73	348	1044	73	260	1040	73	80	1728	78
24	977	977	94	487	974	94	324	972	94	242	968	94	68	1632	101
26,4	915	915	117	456	912	117	303	909	117	227	908	117	58	1531	127
28,8	860	860	143	429	858	143	285	855	143	213	852	143	49	1411	153
31,2	812	812	171	405	810	171	269	807	171	201	804	171	42	1310	180
33,6	769	769	203	383	766	203	255	765	203	190	760	203	35	1176	207
36	730	730	237	364	728	237	242	726	237	181	724	237	30	1080	233

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	1000 x 580 mm
Main tube	Ø 50x4 mm EN-AW 6082 T6
Braces	Ø 50x3 mm EN-AW 6082 T6
Diagonals	Ø 50x3 mm EN-AW 6082 T6
Connecting	Forks connection / Spigots
Welding process	TIG (EWF - EN ISO 9606-2 - 2004)
Available length (cm)	100-120-200-240-300

