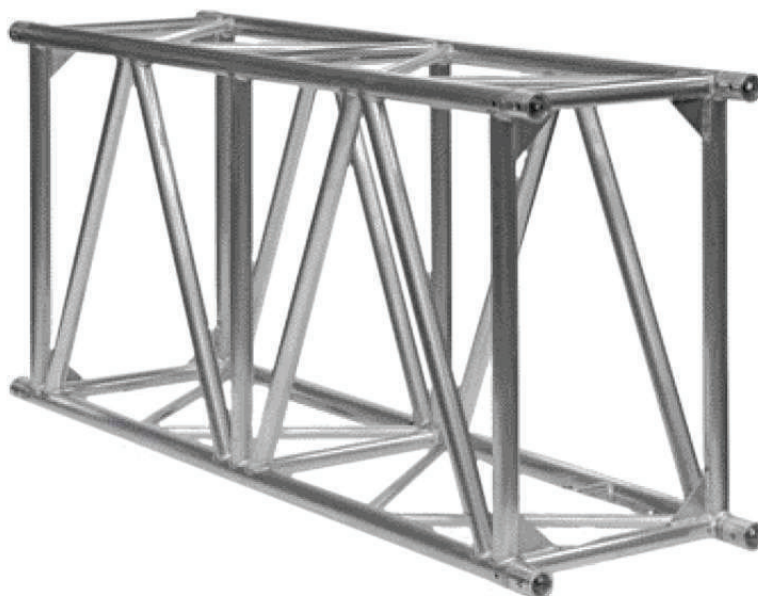




WR100S SERIES

WR100S è costruito con tubi di 60 x 6 mm. E diagonali di 50 x 3 mm. Ha una notevole rigidità e può essere utilizzato per un lungo arco con elevato carico. La Wonder truss fornisce una varietà di elementi del WR100S offrendo la massima flessibilità, standard o personalizzato, cerchi, archi e alcuni angoli. Questo traliccio è facilmente accessibile ai tecnici, rendendoli più sicuri nel scarlo.

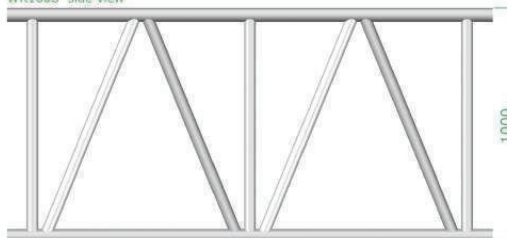
The WR100S is constructed of main tubes of 60 x 6 mm and diagonals of 50 x 3 mm, is got a great rigidity and can be used for long spans with high loadings. Wonder truss supplies a variety of WR100S truss elements that provide maximum flexibility, like standard or custom made lengths, circles and arches and same corners. This truss is easily accessible for technicians, making it more safe to



WR100S top view



WR100S side view



Traliccio in alluminio a sezione Rettangolare rinforzato con lato 100x58 cm.

A: Tubi correnti Ø 60x6 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 50x3 mm
Lega EN-AW 6082 T6

Rectangular section truss with 100x58 cm long sides high load.

A: Chords extruded tube Ø 60x6 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 50x3 mm
EN-AW 6082 T6

WR100S

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WR100S/100	100x58x100	22.00
WR100S/120	100x58x120	26.40
WR100S/200	100x58x200	44.00
WR100S/240	100x58x240	52.80
WR100S/300	100x58x300	66.00



SERIES W100S SERIES



LOAD TABLE WR100S

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	12252	12252	2	6125	12250	2	4073	12219	2	3061	12244	2	4083	12249	2
4	12099	12099	3	6115	12230	3	4063	12189	3	3056	12224	3	3056	12224	4
5	9661	9661	5	6105	12210	5	4053	12159	5	3051	12204	5	2441	12205	6
6	8032	8032	7	6023	12046	7	4015	12045	7	3046	12184	7	2030	12180	8
7	6866	6866	9	5149	10298	9	3432	10296	9	2848	11392	9	1737	12159	11
8	5988	5988	12	4491	8982	12	2993	8979	12	2484	9936	12	1495	11960	15
9	5304	5304	15	3977	7954	15	2651	7953	15	2200	8800	15	1177	10593	19
10	4754	4754	18	3565	7130	18	2376	7128	18	1972	7888	18	949	9490	23
11	4303	4303	22	3226	6452	22	2150	6450	22	1784	7136	22	780	8580	28
12	3925	3925	27	2943	5886	27	1961	5883	27	1627	6508	27	652	7824	33
13	3603	3603	31	2702	5404	31	1800	5400	31	1494	5976	31	552	7176	39
14	3327	3327	36	2494	4988	36	1662	4986	36	1379	5516	36	473	6622	45
15	3085	3085	42	2313	4626	42	1541	4623	42	1279	5116	42	409	6135	52
16	2873	2873	47	2154	4308	47	1435	4305	47	1191	4764	47	357	5712	59
17	2684	2684	53	2013	4026	53	1341	4023	53	1113	4452	53	314	5338	67
18	2516	2516	60	1886	3772	60	1257	3771	60	1043	4172	60	277	4986	75
19	2364	2364	67	1772	3544	67	1181	3543	67	979	3916	67	247	4693	83
20	2226	2226	74	1669	3338	74	1112	3336	74	922	3688	74	220	4400	92
21	2100	2100	82	1575	3150	82	1049	3147	82	870	3480	82	198	4158	102
22	1985	1985	89	1488	2976	89	991	2973	89	822	3288	89	178	3916	112
23	1879	1879	98	1409	2818	98	938	2814	98	778	3112	98	161	3703	122
24	1781	1781	106	1335	2670	106	889	2667	106	738	2952	106	146	3504	133
25	1690	1690	116	1267	2534	116	844	2532	116	700	2800	116	133	3325	144
26	1605	1605	125	1203	2406	125	802	2406	125	665	2660	125	121	3146	156
27	1526	1526	135	1144	2288	135	762	2286	135	632	2528	135	111	2997	168
28	1452	1452	145	1088	2176	145	724	2172	145	601	2404	145	101	2828	181
29	1382	1382	155	1036	2072	155	690	2070	155	572	2288	155	93	2697	194
30	1317	1317	166	987	1974	166	656	1968	166	545	2180	166	85	2550	208
31	1254	1254	178	940	1880	178	626	1878	178	519	2076	178	79	2449	222
32	1195	1195	189	896	1792	189	596	1788	189	495	1980	189	72	2304	237
33	1139	1139	201	854	1708	201	568	1704	201	471	1884	201	67	2211	252
34	1086	1086	214	814	1628	214	542	1626	214	449	1796	214	62	2108	267
35	1035	1035	226	776	1552	226	516	1548	226	428	1712	226	57	1995	283
36	987	987	240	739	1478	240	492	1476	240	408	1632	240	52	1872	299
37	940	940	253	704	1408	253	469	1407	253	389	1556	253	49	1813	316
38	896	896	267	671	1342	267	447	1341	267	370	1480	267	45	1710	334
39	853	853	281	639	1278	281	425	1275	281	352	1408	281	41	1599	351
40	812	812	296	608	1216	296	405	1215	296	335	1340	296	38	1520	370

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

