

WD30 SERIES



WD30 top view



WD30 side view



Traliccio in alluminio a sezione piani con lato da 29 cm.

A: Tubi correnti Ø 50x2 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 16x2 mm
Lega EN-AW 6082 T6

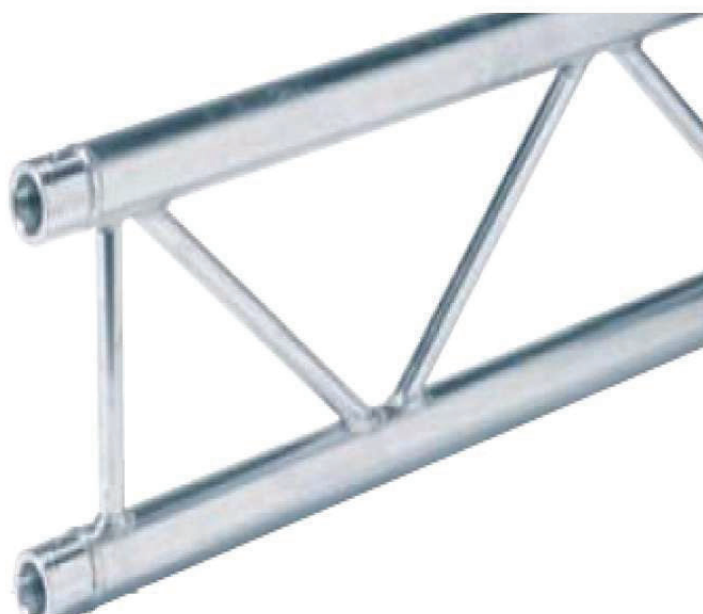
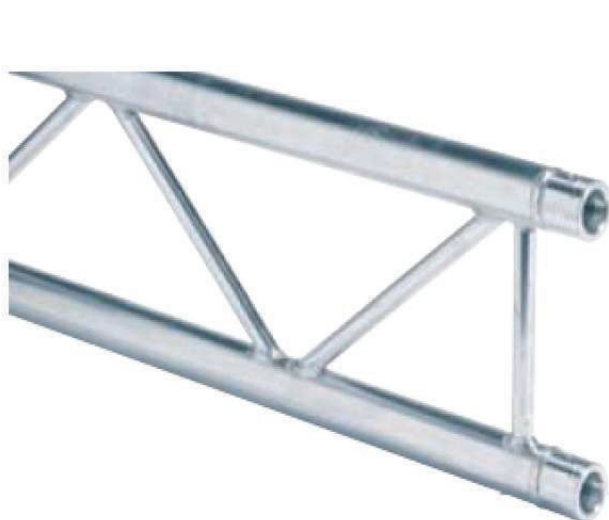
Ladder section truss with 29 cm long sides.

A: Chords extruded tube Ø 50x2 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 16x2 mm
EN-AW 6082 T6

WD30

CODE	DIMENSIONS (cm)	WEIGHT (kg)
WD30/10.5	29x5x10.5	1.20
WD30/21	29x5x21	1.40
WD30/25	29x5x25	1.50
WD30/50	29x5x50	1.70
WD30/100	29x5x100	2.60
WD30/150	29x5x150	3.60
WD30/200	29x5x200	4.60
WD30/250	29x5x250	5.70
WD30/300	29x5x300	6.60
WD30/350	29x5x350	7.60
WD30/400	29x5x400	8.60

WD30/40S SERIES



WD30S top view



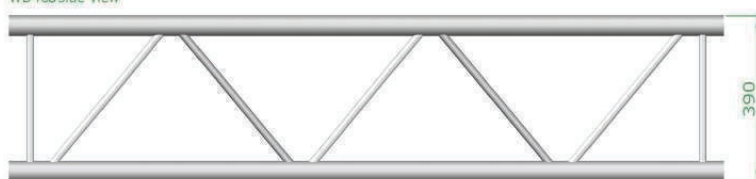
WD30S side view



WD40S top view



WD40S side view



Traliccio in alluminio a sezione piana rinforzato con lato da 29 cm.

A: Tubi correnti Ø 50x3 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 20x2 mm

Ladder section heavy duty truss with 29 cm long sides.

A: Chords extruded tube Ø 50x3 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 20x2 mm
EN-AW 6082 T6

Traliccio in alluminio a sezione piana rinforzato con lato da 40 cm.

A: Tubi correnti Ø 50x3 mm
Lega EN-AW 6082 T6
B: Diagonali Ø 20x2 mm

Ladder section heavy duty truss with 40 cm long sides.

A: Chords extruded tube Ø 50x3 mm
EN-AW 6082 T6
B: Diagonals extruded tube Ø 20x2 mm
EN-AW 6082 T6

WONDER TRUSS - WD30S ALLOWABLE LOADING (SPAN SUPPORTED ON TOP CHORD)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
1	990	0	990	0
2	357	1	387	1
3	133	2	201	2
4	49	2	102	2
5	23	3	60	2
6	9	3	31	2

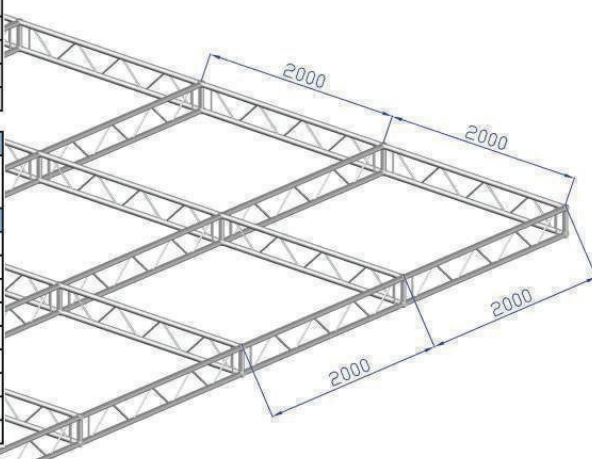
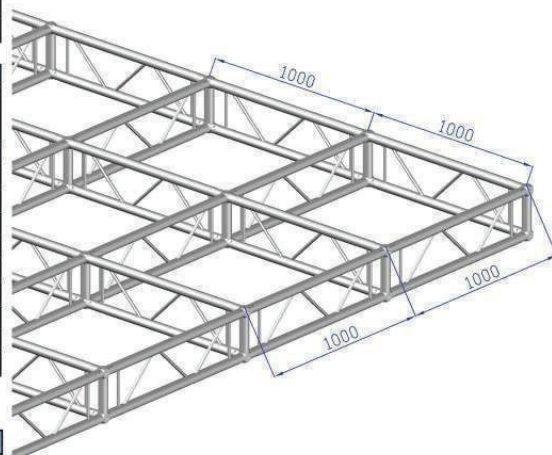
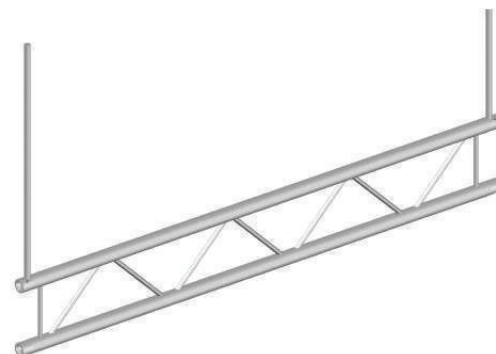
WONDER TRUSS - WD30S ALLOWABLE LOADING (TOP CHORD SIDEWAYS SUPPORTED EACH METRE)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
4	243	17	722	13
5	194	26	574	21
6	157	37	475	30
7	114	51	404	41
8	86	66	351	53
9	67	84	308	67
10	51	100	275	83
11	37	110	247	100
12	27	120	223	119

WONDER TRUSS - WD30S ALLOWABLE LOADING (TOP CHORD SIDEWAYS SUPPORTED EVERY 2 METRES)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
4	93	4	188	4
5	57	7	147	6
6	38	10	119	8
7	27	14	99	11
8	19	18	84	14
9	14	23	71	18
10	10	28	61	22
11	8	34	52	27
12	5	40	45	32

WONDER TRUSS - WD40S ALLOWABLE LOADING (SPAN SUPPORTED ON TOP CHORD)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
1	1274	0	1274	0
2	539	1	539	1
3	180	1	271	1
4	66	2	134	1
5	30	2	78	1
6	15	2	49	2

WONDER TRUSS - WD40S ALLOWABLE LOADING (TOP CHORD SIDEWAYS SUPPORTED EACH METRE)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
4	314	12	1012	9
5	250	18	806	15
6	208	26	669	21
7	161	36	570	28
8	122	46	496	37
9	95	59	437	47
10	76	73	391	58
11	62	88	352	70
12	51	105	320	84

WONDER TRUSS - WD40S ALLOWABLE LOADING (TOP CHORD SIDEWAYS SUPPORTED EVERY 2 METRES)				
SPAN	UDL	DEFLECTION	CPL	DEFLECTION
m	kg/m	mm	kg	mm
4	131	3	264	2
5	82	5	208	4
6	55	7	170	6
7	39	9	142	8
8	29	12	122	10
9	21	16	105	13
10	16	19	91	16
11	13	23	80	19
12	10	28	70	22



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".