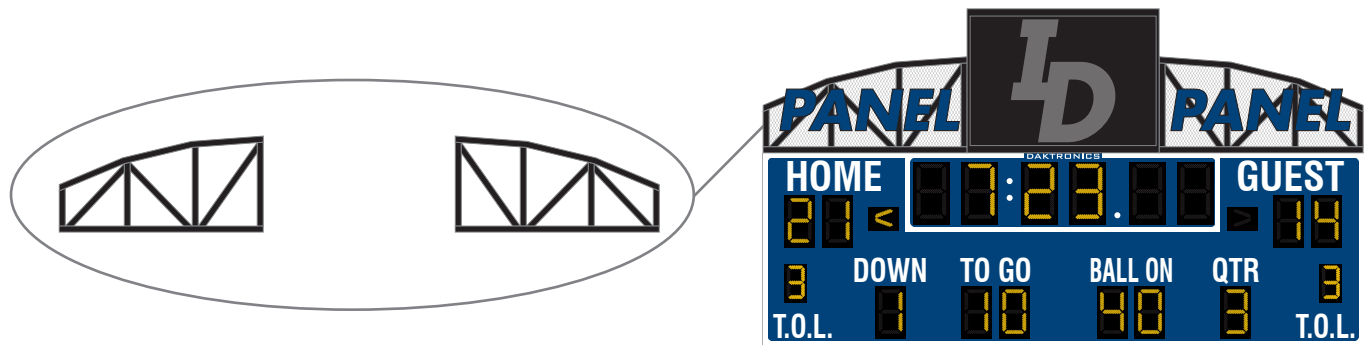


DAKTRONICS DA-1006 PRODUCT SPECIFICATIONS



DA-1006-25 with FB-2023 and
Sportsound 1500HD

Enhance the appearance of any outdoor display with arch truss decorative accent. Constructed of painted aluminum tubing and flat crossbars, truss can be added to both sides of a Sportsound® 1500HD audio cabinet (see [DD1521532](#)). Truss is shown above a scoreboard and features optional lettering along with screen backing as required for this option.

MODEL	HEIGHT	TOTAL WIDTH	DEPTH	WEIGHT
DA-1006-18	4'-0" (1.22 m)	18'-0" (5.49 m)	3" (76 mm)	250 lb (113 kg)
DA-1006-20	4'-0" (1.22 m)	20'-0" (6.10 m)	3" (76 mm)	260 lb (118 kg)
DA-1006-25	4'-0" (1.22 m)	25'-0" (7.62 m)	3" (76 mm)	275 lb (125 kg)
DA-1006-27	4'-0" (1.22 m)	27'-0" (8.23 m)	3" (76 mm)	285 lb (129 kg)
DA-1006-28	4'-0" (1.22 m)	28'-0" (8.53 m)	3" (76 mm)	300 lb (136 kg)
DA-1006-32	4'-0" (1.22 m)	32'-0" (9.75 m)	3" (76 mm)	375 lb (170 kg)
DA-1006-36	4'-0" (1.22 m)	36'-0" (10.97 m)	3" (76 mm)	400 lb (181 kg)

Note: Total width includes both truss pieces plus an 8' (2.44 m) Sportsound cabinet. Weight is for both truss pieces combined.

COLOR

Choose from 150+ colors (from Martin Senour® paint book) at no additional cost.

CONSTRUCTION

Durable aluminum tubing

MOUNTING

Each truss piece is typically mounted on two vertical beams, with two connections per beam. Hardware to mount each truss piece on two beams is included; hardware for more beams is at additional cost.

OPTIONS

- Lettering and logo sheet metal cutouts
- Screen backing

LETTERING & LOGOS

Lettering and logos should avoid exceeding 14" (356 mm) above the truss or covering more than 50% of the truss, otherwise additional costs will be incurred. Screen backing is required when lettering and logos are attached to truss.

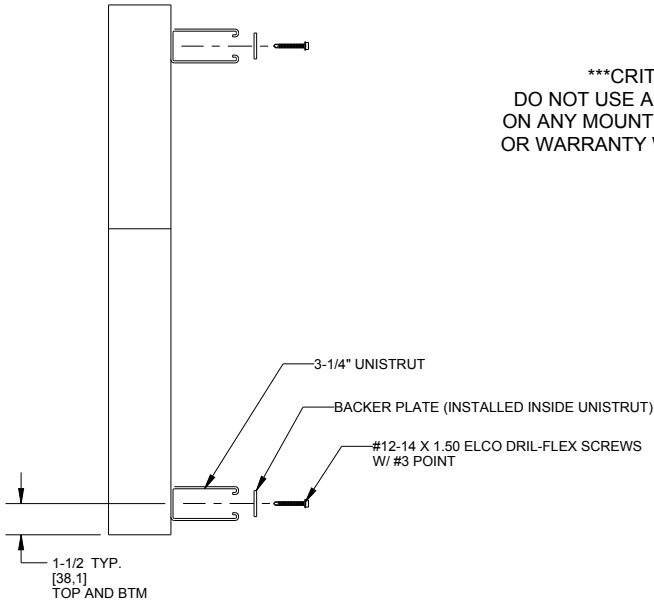
GENERAL INFORMATION

Truss is shipped in two sections. Specifications and pricing are subject to change without notice.

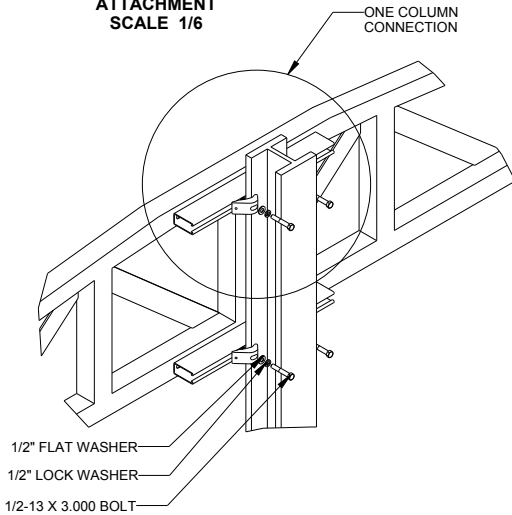
FOR ADDITIONAL INFORMATION

- I-Beam Mounting Drawing: DWG-3917819 (attached)
- Pole Mounting Drawing: DWG-4619972 (attached)
- Installation Manual: [ED-16076](#) (online)

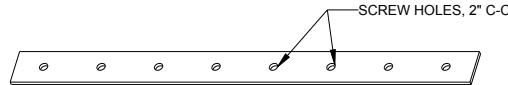
CRITICAL
DO NOT USE ANY LUBRICANT
ON ANY MOUNTING HARDWARE
OR WARRANTY WILL BE VOIDED



EXPLODED SIDE VIEW
UNISTRUT AND CHANNEL
ATTACHMENT
SCALE 1/6



EXPLODED REAR ROTATED VIEW
TRUSS ATTACHMENT
SCALE 1/15



FRONT ROTATED VIEW
16X1.25X.125 ALUMINUM BACKER PLATE
SCALE 1/4

STRUCTURAL NOTES:

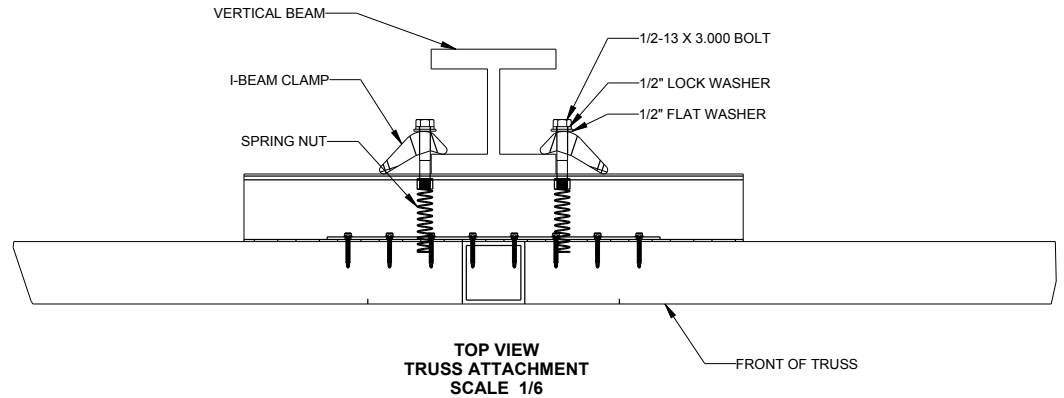
ALLOWABLE LOADS PER COLUMN CONNECTION

MAX ALLOWABLE WEIGHT: 180 LBS
MAX WIND LOAD CAPACITY: 1400 LBS
COEFFICIENT OF FRICTION: 0.45
BOLT TORQUE: 40 FT-LB
MIN-MAX I-BEAM FLANGE THICKNESS: 3/16"-3/4"
NOTE: IF THE I-BEAM FLANGE THICKNESS IS GREATER THAN SPECIFIED, LONGER BOLTS WILL BE REQUIRED AT THE CUSTOMER'S EXPENSE. MAX LENGTH OF REPLACEMENT BOLT IS 3.5". MUST BE GRADE 5 MINIMUM.

MOUNTING INSTRUCTIONS:

1. ATTACH UNISTRUT TO THE TRUSS WITH BACKER PLATE (INSIDE) WITH SELF DRILLING SCREWS AS SHOWN IN THE UNISTRUT ATTACHMENT SIDE VIEW.
ALL 8 SELF DRILLING SCREWS MUST BE USED PER CHANNEL.
CHANNELS ARE TO BE CENTERED AT VERTICAL BEAM LOCATIONS.
2. PLACE SPRING NUTS INTO UNISTRUT IN APPROXIMATE LOCATION OF VERTICAL BEAMS.
3. LIFT TRUSS INTO POSITION.
4. ATTACH I-BEAM CLAMPS WITH 1/2" HARDWARE AS SHOWN IN TOP AND REAR ISOMETRIC VIEW TRUSS ATTACHMENT.
5. MAKE SURE THE 1/2-13 BOLTS ARE AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE.
6. WHEN TRUSS IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN BOLTS FIRMLY.

0A-1348-1067
MTG HDWE; BEAM CLAMP, DECORATIVE TRUSSWORK, 1-POLE
THIS ASSEMBLY HAS ENOUGH FOR (2) COLUMN CONNECTIONS



TOP VIEW
TRUSS ATTACHMENT
SCALE 1/6

TO DETERMINE IF THE TRUSS BEING MOUNTED WILL EXCEED THE MAX ALLOWABLE LOAD PER CONNECTION TAKE THE WEIGHT OF THE TRUSS AND DIVIDE BY THE NUMBER OF CONNECTIONS.

THE DECORATIVE TRUSS SHALL NOT HAVE MORE THAN 50% OF THE FACE COVERED.

ADDITIONAL LETTERING/LOGOS SHALL NOT PROTRUDE MORE THAN 14" ABOVE THE TOP OF THE DECORATIVE TRUSS.

REFERENCE THE PRODUCT SPECIFICATION DOCUMENTS TO DETERMINE THE WEIGHT OF THE DA-1000, DA-1001, DA-1004, DA-1005, DA-1006, DA-1007, AND DA-1008 TRUSSES.
DA-1000: SL-08027
DA-1001: SL-08028
DA-1004: DD2581872
DA-1005: DD1457899
DA-1006: DD1457903
DA-1007: DD1792822
DA-1008: DD1792826

REV	DATE	BY	THIRD ANGLE PROJECTION
THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF DAKTRONICS, INC. OR ITS WHOLLY OWNED SUBSIDIARIES. COPYRIGHT 2018 DAKTRONICS, INC. (USA)			
PROJECT: OUTDOOR DECORATIVE ACCENTS			
TITLE: LXV TRUSS I-BEAM CLAMP MOUNTING			
DATE: 18-MAY-18	DIM UNITS: INCHES [MILLIMETERS]	SHEET 1 OF 1	REV 00
SCALE: 1/15	DO NOT SCALE DRAWING		
DESIGN: KDRAGT	JOB NO: P1348	FUNC - TYPE - SIZE: E - 10 - B	3917819
DRAWN: KDRAGT			

Last Modified By - kdragt

Last Modified - 2018-06-22

DO NOT REMOVE OR W

3-1/4" UNISTRUT

#12-24 X 1.25 ELCO DRILL-FLEX SCREWS
W/ #3 POINT @8 PER BACKER PLATE

1-1/8" TYP.
[28, 58]
TOP AND BTM

SPRING NUT 1/2"-13
ELECTRO GALVANIZED

BACKER PLATE, 0.125" THICK ALUMINUM

EXPLODED SIDE VIEW
UNISTRUT AND CHANNEL
ATTACHMENT
SCALE 1/6

1/2" FLAT WASHER

1/2" LOCK WASHER

1/2" NUT

EXPLODED REAR ISOMETRIC VIEW
TRUSS ATTACHMENT
SCALE 1/15

MAX ALLOWABLE WEIGHT: 180 LBS
BOLT TORQUE: 40 FT-LB

1. ATTACH THE PREDRILLED UNISTRUT WITH BACKER PLATE INSIDE OF IT TO THE TRUSS WITH SELF DRILLING SCREWS AS SHOWN IN THE UNISTRUT ATTACHMENT SIDE VIEW.
 -ALL 8 SELF DRILLING SCREWS MUST BE USED PER CHANNEL.
 -CHANNELS ARE TO BE CENTERED AT VERTICAL BEAM LOCATIONS.
2. PLACE SPRING NUTS INTO UNISTRUT IN APPROXIMATE LOCATION OF VERTICAL BEAMS.
3. LIFT TRUSS INTO POSITION.
4. ATTACH UNISTRUT WITH LONG WITH 1/2" HARDWARE AS SHOWN IN TOP AND REAR ISOMETRIC VIEW TRUSS ATTACHMENT.
5. MAKE SURE THE 1/2-13 NUTS ARE AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE.
6. WHEN TRUSS IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN BOLTS FIRMLY.

0A-1348-0001
MTG HDWE; DECORATIVE TRUSSWORK, 1-POLE

Part # - DWG-04619972

Description - N B MTG ATTACHMENT; TRUSS POLE MOUNTING

Lifecycle State - Full Production

Last Modified By - kdmiller

Last Modified - 2020-02-05