

YARD MASTER SERIES

Section 1: Screen Design

1.1 What is it for?

The Yard Master Series is a lightweight portable front or rear projection outdoor movie screen. It is the perfect companion for movie events in the great outdoors such as camping trips, backyard movie nights, picnics, barbecues, DJ events, pool parties, or any other outdoor group activity that demands a big screen projection system.

1.2 How does it work?

The Yard Master consists of a black metal frame with T-legs that support Elite’s soft DynaWhite variation screen material fabric with all-weather nylon-stitched reinforcements. DynaWhite is a 1.1 gain material with black masking borders to properly enhance perceived contrast levels while elegantly framing the projected image. Its wide viewing angle and diffusion uniformity allows the brightness levels to remain consistent throughout the entire projection surface.

The Yard Master includes a kit with all the accessories needed to put up a big screen that will remain secure even on a windy day. It sets up quickly with no additional tools required to assemble the frame. It also includes a carrying bag for easy transport from home to the park or wherever your weekend adventure takes you.

1.3 Sizes Available

100”, 120”, 150”, 180”, and 200” in 16:9 HDTV aspect ratio

Section 2: Screen Material

2.1 Characteristics

2.1.1 Front Projection Outdoor Screen Material

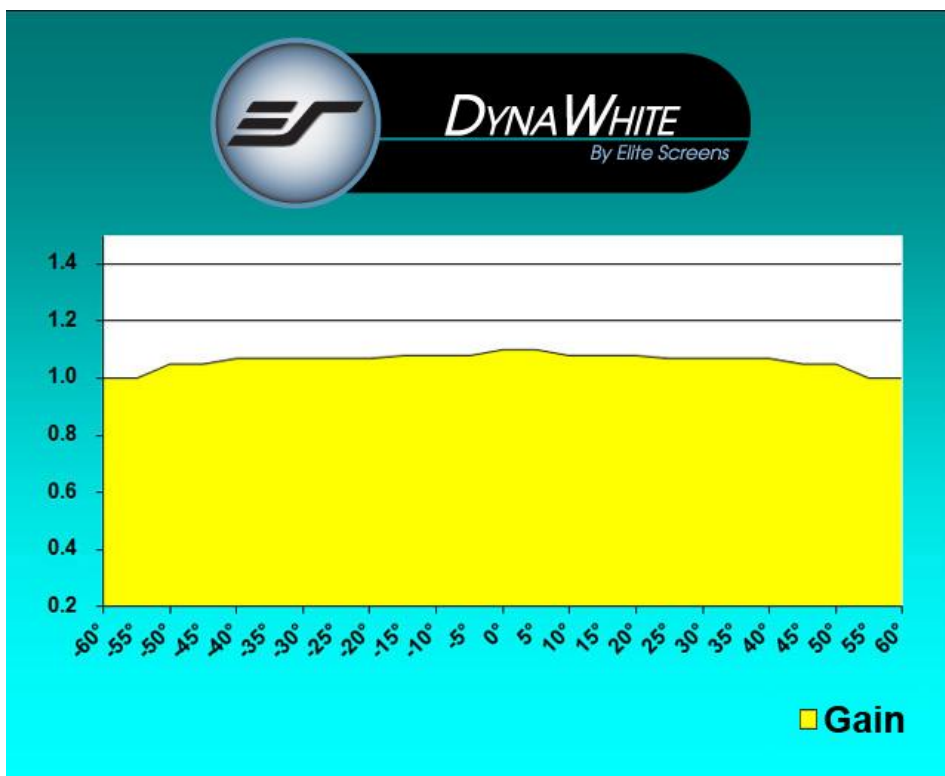
DynaWhite is an all-weather matte white front projection screen material designed for outdoor use. Soft fabric reinforced with nylon stitches prolongs the life of the material and stretches for a flat tensioned projection surface. DynaWhite can be folded for easy storage without worrying about the fold marks or creases.



2.1.2 Features & Benefits

- Gain: 1.1
- Viewing Angle: 180° (90° L/R)
- Outdoor all-weather material is durable 24/7, rain or shine
- Complimentary 4-side black masking borders enhance picture contrast
- High diffusion uniformity and superior color reproduction
- Nylon-stitched soft material is easy to clean

2.1.3 Gain Chart



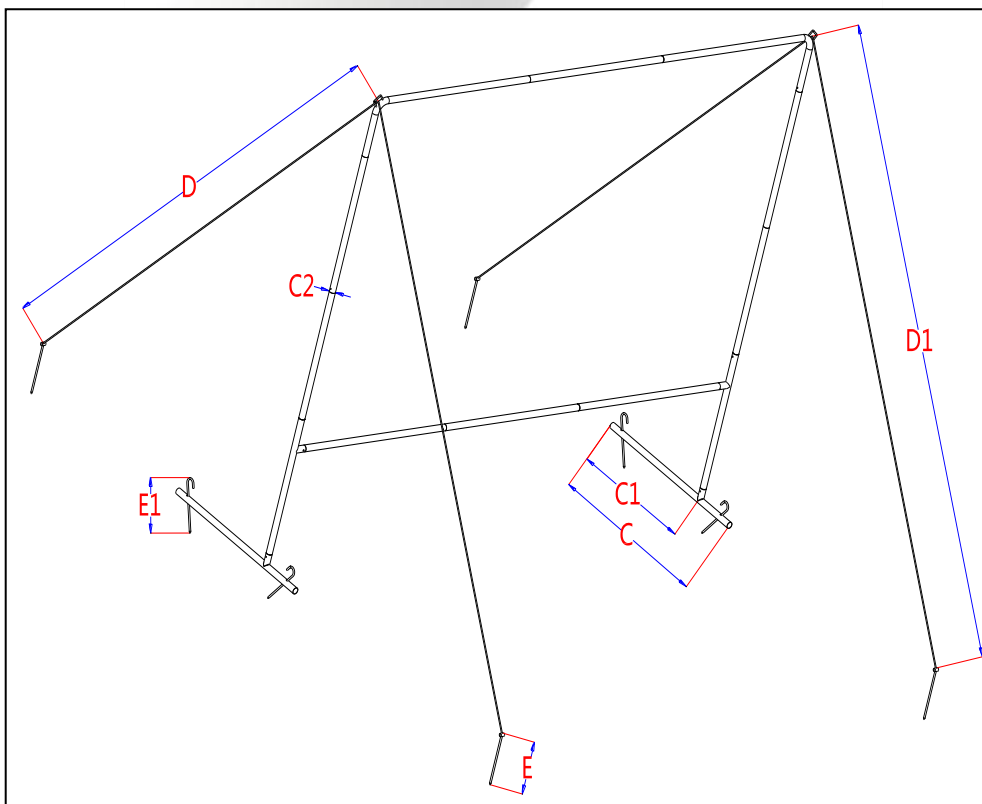
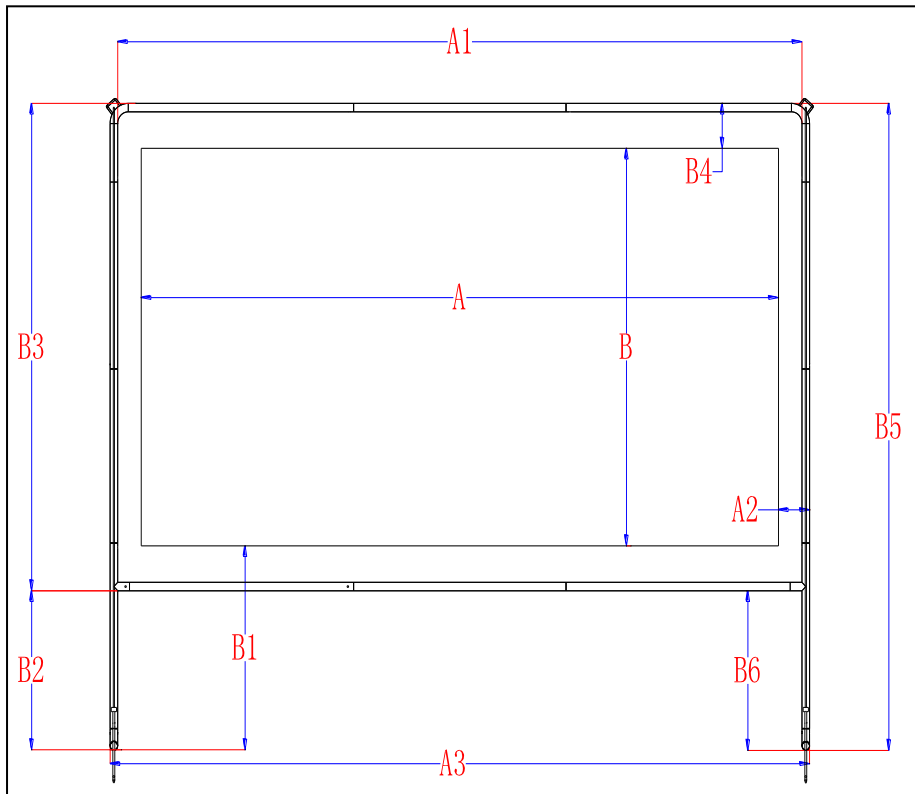
Section 3: Specifications

3.1 Dimensions

Yard Master Series

Unit: mm																	
Model	Nominal Diagonal (Aspect Ratio)	View Width (A)	Screen Width (A1)	Border Width (A2)	Overall Width (A3)	View Height (B)	Leg Height (B1)	Screen Height (B2)	Border Height (B4)	Overall Height (B5)	Base Foot Length (C)	Basefoot to Pole (C1)	Frame Diameter (C2)	Rope (D & D1)	T Stake Rope (E)	J Stake Frame (E1)	
OMS100H	100"(16:9)	2214	2474	130	2538	1245	746	600	1560	169	2160	970	670	φ32	3500	265	255
OMS120H	120"(16:9)	2657	2856	130	2920	1494	801	600	1832	169	2432	970	670	φ32	3500	265	255
Unit: Inch																	
Model	Nominal Diagonal (Aspect Ratio)	View Width (A)	Screen Width (A1)	Border Width (A2)	Overall Width (A3)	View Height (B)	Leg Height (B1)	Screen Height (B2)	Border Height (B4)	Overall Height (B5)	Base Foot Length (C)	Basefoot to Pole (C1)	Frame Diameter (C2)	Rope (D & D1)	T Stake Rope (E)	J Stake Frame (E1)	
OMS100H	100"(16:9)	87.2	97.4	5.1	99.9	49.0	29.4	23.6	61.4	6.7	85.0	38.2	26.4	φ1.3	137.8	10.4	10.0
OMS120H	120"(16:9)	104.6	112.4	5.1	115.0	58.8	31.5	23.6	72.1	6.7	95.7	38.2	26.4	φ1.3	137.8	10.4	10.0

3.2 Drawings


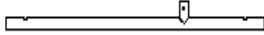





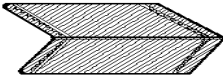
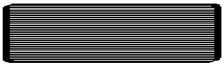


3.3 Pictures



Section 4: Execution

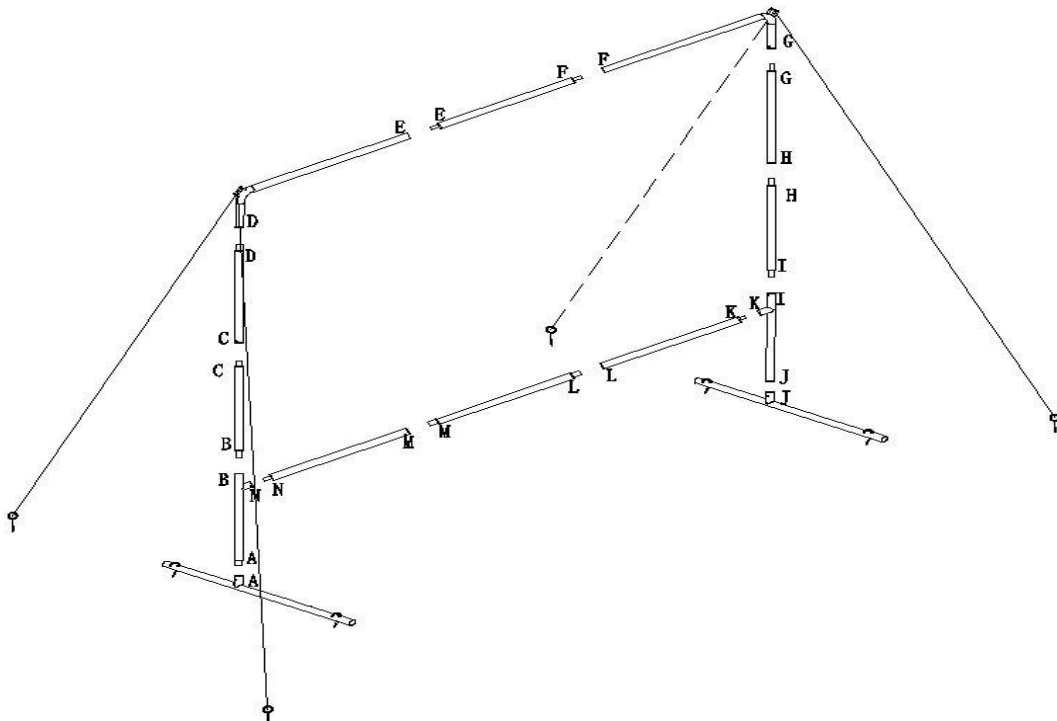
4.1 Submittals

<p>A. Screen material x 1</p> 	<p>B. Steel Tube x 14</p> 	<p>C. J-Stake x 4</p> 
<p>D. T-Stake x 4</p> 	<p>E. Guy-rope x 4</p> 	<p>F. M6x40 hex nut x 2</p> 
<p>G. M6x40 hexagonal screw x 2</p> 	<p>H. Carrying bag x 1</p> 	<p>I. Screen material bag x 1</p> 

4.2 Assembly

4.2.1 Frame Assembly

1. Assemble the frame by connecting the letters on the ends of the tubes together as shown on diagram below. *For example, A to A, B to B etc.*



2. **A** and **J** are attached to the feet and secured with the provided Hexagonal Screws (**G**)

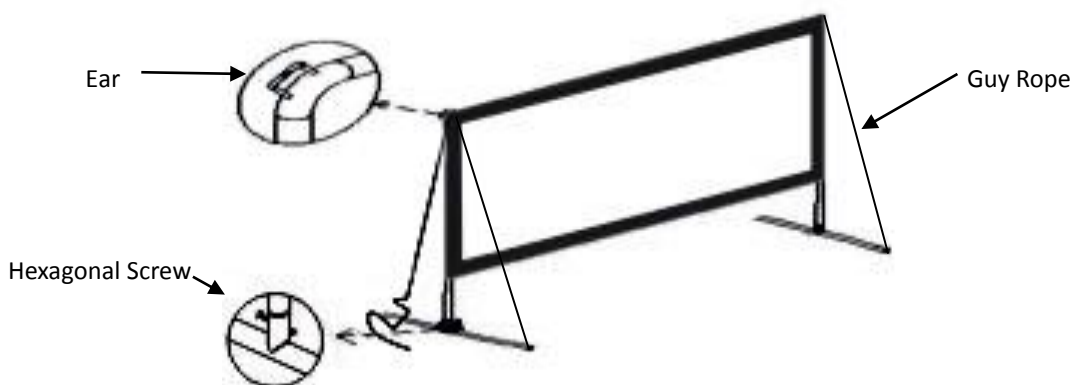
4.2.2 Screen Material Assembly

1. Lay the assembled frame on the floor and take caution not to scratch the frame and/or floor surface. **Note: The silver securing pegs on each end of the tube should be facing the floor.**
2. Find the opening of the screen material and start by sliding it from the top of the frame, with the back of the screen material facing the floor. With the help of someone preferably, continue to pull downward until the screen material is completely on the frame. Make sure the screen material is properly centered before moving to next step.
3. Once the screen material is completely on the frame, fasten the Velcro straps to secure the material (as shown in image below). The straps are adjustable to pull the screen tight and stretch the material to achieve a flat projection surface.



Securing the Screen with the Guy-Ropes and Stakes to the ground

1. Tie the Guy-Ropes to the ear on each of the top corners of the frame.
Note: Guy-Ropes should be installed to the front and back of the frame.
2. Raise the frame vertically on the ground and rotate the short tube on both sides of the foot stool 90° in the direction of the white screen so that that the holes on the frames are lined up. Finish attaching and securing the side frame to the feet with the hexagonal screws and hex nuts as shown below.





3. Drive the Curved Stakes through each hole on the ends of the legs.
4. Tie two of the Guy-Ropes to the front Curved stakes.
5. Drive the two Ring-Stakes to the ground and attach a Guy-Rope on each side to secure the back of the frame.

Warning Instructions

1. The Ring-Stake and Curved Stake should be properly driven into the ground to avoid the frame from falling which could result in injury or permanent damage to the screen.
2. Always be cautious of strong windy conditions. We don't recommend using over 20mph.
3. A soft terry cloth with mild soap and water may be used to clean the screen surface.

Section 5: Markets With Product Availability

5.1 Where

America: Elite Screens, Inc.

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www.elitescreens.com

Europe: Elite Screens GmbH

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www.elitescreens.eu

Asia: Elite Screens China Ltd.

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France: Elite Screens France S.A.S

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www.elitescreens.com.tw

Asia: Elite Screens Japan Corp.

info@elitescreens.com.jp

www.elitescreens.jp



5.2 Company Description

Elite Screens Inc. is a California based company that specializes in making quality commercial and home-theater projection screens for the retail and custom install sales channels. Our company began as an innovative venture into the projection market by manufacturing veterans from the AV/IT industry. Elite Screens quickly established itself as an entry level commercial and home theater screen manufacturer. This was accomplished by making a quality product cost effective with a focus on mass-producing screen material, sizes and aspect ratios that were most commonly preferred by AV customers in general. We focused on uniformity with what would match the mainstream demographic while including extra features that are not usually included by other manufacturers. In time, we progressed from just retail sales into the realm of custom installer/integrator manufacture as our numerous reviews and awards will attest. We stand behind our product and are so certain of customer satisfaction with the quality of our product that we offer a 2-year manufacturer's warranty which is twice the industry standard.

In our continued devotion to excellence in products and service, we are committed to implementing green practices with our production. We have adopted manufacturing methods that promote conservative regulation of our energy needs. Our simple product designs combined with the expertise of our permanent staff ensures that our entire line of products are made by experienced hands devoted to the high standards of today's audio-video consumer.

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