

Stewart

Filmscreen Corporation®

P i c t u r e P e r f e c t



Horizontal ScreenWall ElectriMask

View Flexibility

Stewart Filmscreen's Horizontal ScreenWall ElectriMask is designed to provide the flexibility of a multiple aspect ratio ElectriMask system with a fixed screen. Aspect ratios from standard NTSC 1.33:1 up to Cinemascope 2.35:1 and beyond, can be achieved.

ElectriMask System

The ElectriMasks are electronically controlled panels that extend and retract from housings at the top and bottom of the screen frame.

Insist on the Best

Optimize your Horizontal ScreenWall ElectriMask with a Stewart Academy Award® winning screen material, securely attached using our unique hidden snap fastening system.

Picture Perfect

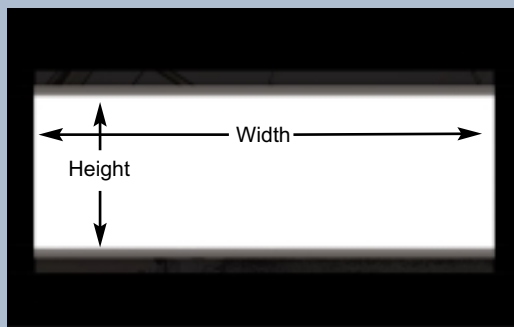
When paired with a projector capable of multiple aspect ratio performance, unsightly black stripes or undesirable cropping of the image area are eliminated, always maintaining a picture perfect screen.

Trust Stewart

Stewart Filmscreen is synonymous with high quality materials, superior craftsmanship and long, trouble-free product life. Since every Stewart Filmscreen product is hand crafted, custom sizes and configurations can also be accommodated. Call Stewart Filmscreen today and we will build one for you.

Horizontal ScreenWall ElectriMask Specifications

Dimensions represented in inches (") and millimeters (mm). Weights represented in pounds (lbs.) and kilograms (kg.)



Formats	Min-Max Height	Min-Max Width
Video Format	50"-72"	67"-96"
HDTV	37.75"-54"	67"-96"
Widescreen	36.25"-52"	67"-96"

(Size height and width depends on model chosen.
Custom sizes available with no extra charge.)

(4:3 to 2.35:1 Aspect Ratio)

Model Number	NTSC 4:3/1.33:1 Image	Attainable Image Sizes	Frame Height	O.D. Width	Screen Weight
EMSNH084	50" x 67" (1270mm) x (1702mm)	Table 1: Row 1	65 (1651)	73.5 (1867)	70 lbs. (31.8kg.)
EMSNH090	54 x 72 (1372) x (1829)	Table 1: Row 2	69 (1753)	78.5 (1994)	80 (36.3)
EMSNH100	60 x 80 (1524) x (2032)	Table 1: Row 3	75 (1905)	86.5 (2197)	92 (41.7)
EMSNH110	66 x 88 (1676) x (2235)	Table 1: Row 4	81 (2057)	94.5 (2400)	100 (45)
EMSNH120	72 x 96 (1829) x (2438)	Table 1: Row 5	87 (2210)	102.5 (2604)	108 (49)

Table 1: Attainable Aspect Ratios

Row	NTSC		HDTV		Widescreen		Cinemascope	
	Diagonal	4:3/1.33:1 Image	Diagonal	16:9/1.78:1 Image	Diagonal	1.85:1 Image	Diagonal	2.35:1 Image
1	84 (2134)	50 x 67 (1270) x (1702)	77 (1956)	37.75 x 67 (959) x (1702)	76 (1930)	36.25 x 67 (921) x (1702)	73 (1854)	28.5 x 67 (724) x (1702)
2	90 (2286)	54 x 72 (1372) x (1829)	82.5 (2096)	40.5 x 72 (1029) x (1829)	82 (2083)	39 x 72 (991) x (1829)	78 (1981)	30.75 x 72 (781) x (1829)
3	100 (2540)	60 x 80 (1524) x (2032)	92 (2337)	45 x 80 (1143) x (2032)	91 (2311)	43.25 x 80 (1099) x (2032)	87 (2210)	34 x 80 (864) x (2032)
4	110 (2794)	66 x 88 (1676) x (2235)	101 (2565)	49.5 x 88 (1257) x (2235)	100 (2540)	47.5 x 88 (1207) x (2235)	96 (2438)	37.5 x 88 (953) x (2235)
5	120 (3048)	72 x 96 (1829) x (2438)	110 (2794)	54 x 96 (1372) x (2438)	109 (2769)	52 x 96 (1321) x (2438)	104 (2642)	40.75 x 96 (1035) x (2438)

Sizes and specifications are subject to change at anytime.

Frame Material

Aluminum Extrusion

Finishes

VeLux™ Appliqué	Included
(VeLux™ Finish adds .125" (3mm) to the Overall Frame OD.)	
Matte Black	Optional

Screen Materials

Front Projection	Gain	Viewing Angle
GrayHawk	0.95	160°
Studiotek / Ultramatte 130	1.3	160°
FireHawk	1.35	100°
Ultramatte 150	1.5	140°
Videomatte 200	1.8	120°
Ultramatte 200	2.0	120°

Perforation (Front Projection)

THX Certified MicroPerf	Optional
CinePerf	Optional
Acoustically Transparent Masking	Optional

Rear Projection

Rear Projection	Gain	Viewing Angle
Aeroview 100	1.0	180°
Filmscreen 100	1.0	100°-120°
Lumiflex 130	1.3	160°
Filmscreen 150	1.5	120°

Standard Features

Seamless Screen Materials
(2) Horizontal Masking Motor: 120 Volt = 14 rpm, 1 amp
220 Volt = 12 rpm, 1 amp

Control Systems : Masking Panels

(2) High Voltage Wall Switch	Included
(2) Low Voltage Control	Optional
Wireless Remote Control (Dual Channel)	Optional
Infrared Remote Control (Dual Channel)	Optional

Mounting Hardware

Wall Mount/Brackets	Included
Aperture Mount	Optional

For custom sizes and gains, please consult the Screen Assistant software or Stewart Sales desk.

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P i c t u r e P e r f e c t



Vertical ScreenWall ElectriMask

Picture Perfect

When paired with a projector capable of multiple aspect ratio performance, unsightly black stripes or undesirable cropping of the image area are eliminated, always maintaining a picture perfect screen.

ElectriMask System

The ElectriMasks are electronically controlled panels that extend and retract from housings at the top of the screen frame. Panels can be automatically operated by low voltage control, infrared remote control or projector screen trigger.

Insist on the Best

Optimize your Vertical ScreenWall ElectriMask with a Stewart Academy Award® winning screen material, securely attached using our unique hidden snap fastening system.

View Flexibility

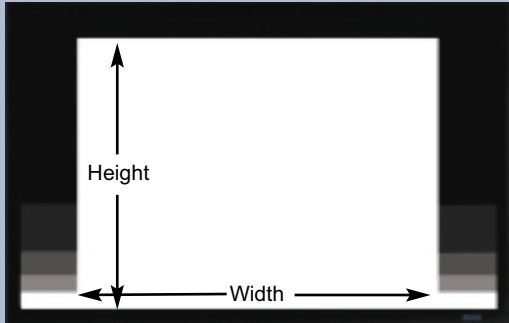
Stewart Filmscreen's Vertical ScreenWall ElectriMask is ideal for applications in which dual aspect ratio capability is required with a fixed screen. Aspect ratios from standard NTSC 1.33:1 up to Widescreen Format 1.85:1 can be achieved.

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Vertical ScreenWall ElectriMask Specifications

Dimensions represented in inches (") and millimeters (mm). Weights represented in pounds (lbs.) and kilograms (kg.)



Formats	Min-Max Height	Min-Max Width
Video Format	45"-66"	60"-88"
HDTV	45"-66"	80"-118"
Widescreen	43"-66"	80"-122"

(Size height and width depends on model chosen.
Custom sizes available with no extra charge.)

(16:9/1.78:1 Masked to 4:3/1.33:1 Aspect Ratio)

Model Number	HDTV	NTSC	Frame O.D.		Screen Weight
	16:9/1.78:1 Image	4:3/1.33:1 Image	Height	Width	
EMSN092H	45" x 80" (1143mm) x (2032mm)	45 x 60 (1143) x (1524)	55.75 (1416)	86.5 (2197)	65 lbs. (29.5kg.)
EMSN100H	49 x 87 (1245) x (2210)	49 x 65 (1245) x (1651)	59.75 (1518)	93.5 (2375)	75 (34)
EMSN110H	54 x 96 (1372) x (2438)	54 x 72 (1372) x (1829)	64.75 (1645)	102.5 (2604)	82 (37.2)
EMSN123H	60 x 107 (1524) x (2718)	60 x 80 (1524) x (2032)	70.75 (1797)	113.5 (2883)	87 (39.5)
EMSN135H	66 x 118 (1676) x (2997)	66 x 88 (1676) x (2235)	76.75 (1949)	124.5 (3162)	97 (44)

(1.85:1 Masked to 4:3/1.33:1 Aspect Ratio)

Model Number	Widescreen	NTSC	Frame O.D.		Screen Weight
	1.85:1 Image	4:3/1.33:1 Image	Height	Width	
EMSN091W	43 x 80 (1092) x (2032)	43 x 57 (1092) x (1448)	53.75 (1365)	86.5 (2197)	63 (28.6)
EMSN100W	48 x 89 (1219) x (2261)	48 x 64 (1219) x (1626)	58.75 (1492)	95.5 (2426)	72 (32.7)
EMSN114W	54 x 100 (1372) x (2540)	54 x 72 (1372) x (1829)	64.75 (1645)	106.5 (2705)	82 (37.2)
EMSN126W	60 x 111 (1524) x (2819)	60 x 80 (1524) x (2032)	70.75 (1797)	117.5 (2985)	92 (41.7)
EMSN138W	66 x 122 (1676) x (3099)	66 x 88 (1676) x (2235)	76.75 (1949)	128.5 (3264)	105 (47.6)

Sizes and specifications are subject to change at anytime.

Frame Material

Aluminum Extrusion

Finishes

VeLux™ Appliqué	Included
(VeLux™ Finish adds .125" (3mm) to the Overall Frame OD.)	
Matte Black	Optional

Screen Materials

Front Projection	Gain	Viewing Angle
GrayHawk	0.95	160°
Studiotek / Ultramatte 130	1.3	160°
FireHawk	1.35	100°
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CinePerf	Optional
Acoustically Transparent Masking	Optional

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Rear Projection	Gain	Viewing Angle
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Filmscreen 100	1.0	100°-120°
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Filmscreen 150	1.5	120°

Standard Features

Seamless Screen Materials
Vertical Masking Motor: 120 Volt = 38 rpm, 1 amp
220 Volt = 32 rpm, 1 amp

Control Systems : Masking Panels

Video Interface Control	Included
High Voltage Wall Switch	Optional
Low Voltage Control	Optional
Wireless Remote Control	Optional
Infrared Remote Control	Optional

Mounting Hardware

Wall Mount/Brackets	Included
Aperture Mount	Optional

For custom sizes and gains, please consult the Screen Assistant software or Stewart Sales desk.

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