

Stewart

Filmscreen Corporation®

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



Horizontal ElectricScreen ElectricMask

Hidden from View

The Horizontal ElectricScreen ElectricMask is designed for those who require an electric roll-up system with dual aspect ratio capabilities.

ElectricMask System

The ElectricMasks 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 Horizontal ElectricScreen ElectricMask with a Stewart Academy Award® winning screen material, securely attached by Stewart's exclusive Tab-Guy tensioning system designed to ensure a smooth flat image and prevent curl up.

View Flexibility

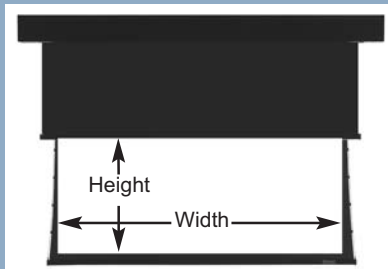
Stewart Filmscreen's Horizontal ElectricScreen ElectricMask is designed to provide the flexibility of a multiple aspect ratio ElectricMask system with a roll-up screen. Aspect ratios from standard NTSC 1.33:1 up to Cinemascope 2.35:1 can be achieved.

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 ElectriScreen 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 Aspect Ratio)		
Model Number	NTSC 4:3/1.33:1 Image	Attainable Screen Sizes
EMH084	50" x 67" (1270mm) x (1702mm)	Table 1: Row 1
EMH090	54 x 72 (1372) x (1829)	Table 1: Row 2
EMH100	60 x 80 (1524 x 2032)	Table 1: Row 3
EMH110	66 x 88 (1676 x 2235)	Table 1: Row 4
EMH120	72 x 96 (1829 x 2438)	Table 1: Row 5

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)	78 (1981)	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)	83 (2108)	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)

Standard Case: Height 8.25" (210mm) Depth 6" (152)

Sizes and specifications are subject to change at anytime.

Specifications

Case Material	Aluminum Extrusion
Case Colors	Black, White
Batten Colors	Black, White

Screen Materials

Front Projection	Gain	Viewing Angle
GrayHawk RS	.92	128°
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	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

Tab-Guy Tensioning System
Seamless Screen Materials
Sonic Insulated Screen Drive
Screen Motor: 120 Volt = 38 rpm, 1 amp
220 Volt = 32 rpm, 1 amp
Horizontal Masking: 120 Volt = 14 rpm, 1 amp
220 Volt = 12 rpm, 1 amp

Control Systems : Screen & Masking

(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

Ceiling Mount	Included
Wall Mount/Brackets	Optional

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

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Vertical ElectricScreen ElectricMask

Hidden from View

The Vertical ElectricScreen ElectricMask is designed for those who require an electric roll-up system with dual aspect ratio capabilities.

ElectricMask System

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

Insist on the Best

Optimize your Vertical ElectricScreen ElectricMask with a Stewart Academy Award® winning screen material, securely attached by Stewart's exclusive Tab-Guy tensioning system designed to ensure a smooth flat image and prevent curl up.

View Flexibility

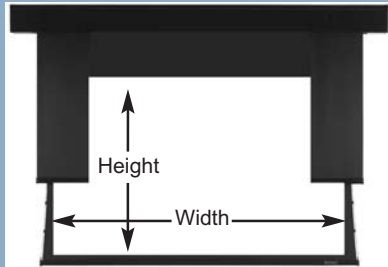
Stewart Filmscreen's Vertical ElectricScreen ElectricMask is designed to provide the flexibility of a multiple aspect ratio ElectricMask system with a roll-up screen. Aspect ratios from standard NTSC 1.33:1 up to Widescreen 1.85:1 can be achieved.

Trust Stewart

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Vertical ElectriScreen 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	43"-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 Masked to 4:3 Aspect Ratio)

Model Number	HDTV 16:9/1.78:1 Image	NTSC 4:3/1.33:1 Image
EM092H	45" x 80" (1143mm) x (2032)	45 x 60 (1143) x (1524)
EM100H	49 x 87 (1245) x (2210)	49 x 65 (1245) (1651)
EM110H	54 x 96 (1372) x (2438)	54 x 72 (1372) x (1829)
EM123H	60 x 107 (1524) x (2718)	60 x 80 (1524) x (2032)
EM135H	66 x 118 (1676) x (2997)	66 x 88 (1676) x (2235)

Standard Case: Height 8.25" (210mm) Depth 6" (152)

Sizes and specifications are subject to change at anytime.

Specifications

Case Material	Aluminum Extrusion
Case Colors	Black, White
Batten Colors	Black, White

Screen Materials

Front Projection	Gain	Viewing Angle
GrayHawk RS	.92	128°
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	Gain	Viewing Angle
Aeroview 100	1.0	180°
Filmscreen 100	1.0	100°-120°
Lumiflex 130	1.3	160°
Filmscreen 150	1.5	120°

Control Systems : Screen & Masking

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

Standard Features

Tab-Guy Tensioning System
Roller Tube System
Seamless Screen Materials
Sonic Insulated Screen Drive
Screen Motor: 120 Volt = 38 rpm, 1 amp
220 Volt = 32 rpm, 1 amp
Vertical Masking Motor: 120 Volt = 38 rpm, 1 amp
220 Volt = 32 rpm, 1 amp

Mounting Hardware

Ceiling Mount	Included
Wall Mount/Brackets	Optional

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