

# Model M

Large Stage Series Motorized Screen

Max 500" Preferred Giant Screen for Premium Venues



## Design Philosophy

The Grandview M Series Motorized Engineering Screen is designed for luxury hotel ballrooms, conference centers, and multi-purpose theaters.

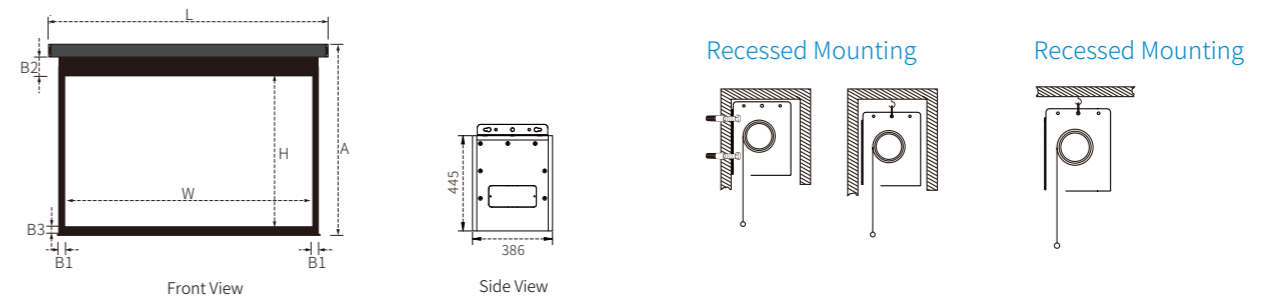
It addresses the key challenges of large-format motorized screens—maintaining consistent tension and surface flatness across ultra-wide viewing areas.

The multi-layer diffuse projection fabric supports seamless construction up to 5 meters wide. For larger sizes, advanced high-frequency seam technology ensures strong bonding with no visible seams during projection.

A large-diameter high-strength aluminum roller tube, controlled within 0.05% horizontal deflection, minimizes deformation during operation and keeps the screen surface smooth and stable—delivering reliable giant-screen performance for large venues.



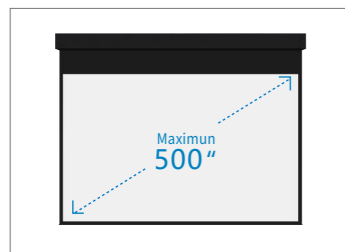
## Product Specifications



Unit of measurement: mm

| Aspect Ratio | Diagonal Measurement | Viewing Area (W×H) mm | Black Drop (B3) mm | Lower Border (B2) mm | Left/Right (B1) mm | Product Height (A) mm | Product Length (L) mm |
|--------------|----------------------|-----------------------|--------------------|----------------------|--------------------|-----------------------|-----------------------|
| 4:3          | 400"                 | 8128 × 6096           | 600                | 80                   | 80                 | 7221                  | 8556                  |
|              | 450"                 | 9145 × 6860           | 600                | 80                   | 80                 | 7985                  | 9573                  |
|              | 500"                 | 10000 × 7500          | 600                | 80                   | 80                 | 8625                  | 10428                 |
| 16:9         | 360"                 | 7970 × 4483           | 600                | 80                   | 80                 | 5608                  | 8398                  |
|              | 400"                 | 8855 × 4981           | 600                | 80                   | 80                 | 6106                  | 9283                  |
|              | 450"                 | 10000 × 5625          | 600                | 80                   | 80                 | 6750                  | 10428                 |
| 16:10        | 500"                 | 11070 × 6226          | 600                | 80                   | 80                 | 7351                  | 11498                 |
|              | 400"                 | 8616 × 5385           | 600                | 80                   | 80                 | 6510                  | 9044                  |
|              | 450"                 | 9693 × 6058           | 600                | 80                   | 80                 | 7183                  | 10121                 |
| 2.35:1       | 500"                 | 10770 × 6731          | 600                | 80                   | 80                 | 7856                  | 11198                 |
|              | 350"                 | 8180 × 3481           | 600                | 80                   | 80                 | 4906                  | 8608                  |
|              | 400"                 | 9349 × 3978           | 600                | 80                   | 80                 | 5403                  | 9777                  |
|              | 450"                 | 10517 × 4475          | 600                | 80                   | 80                 | 5900                  | 10945                 |

## Core Advantages



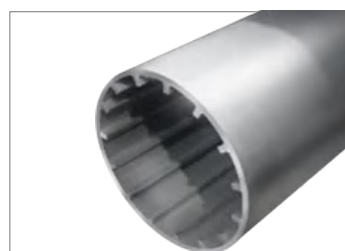
### Ultra-Large Viewing Experience

Supports screens up to 500 inches, ideal for large venues such as banquet halls, exhibition centers, and conference events.



### High-Torque Tubular Motor

Powered by an 80Nm high-torque tubular motor, ensuring smooth, stable movement and precise positioning.



### Extra-Large Diameter Aluminum Roller

Built with a 250mm high-strength aluminum alloy roller, engineered with a horizontal deflection of  $\leq 0.05\%$  to effectively prevent deformation during operation—even under its own weight.



### High-Strength Wooden Housing

Double-layer reinforced wooden casing provides excellent structural stability and reliable suspension for large-format installations.

## Compatible Screen Fabrics

- WM9**  
Fiberglass Matte White Fabric