

A New Concept In
Theatrical Rigging

The Extra-Wide, Compact
Motorized Roll Drop For
Low-Profile Installations



PANAVISTA 3



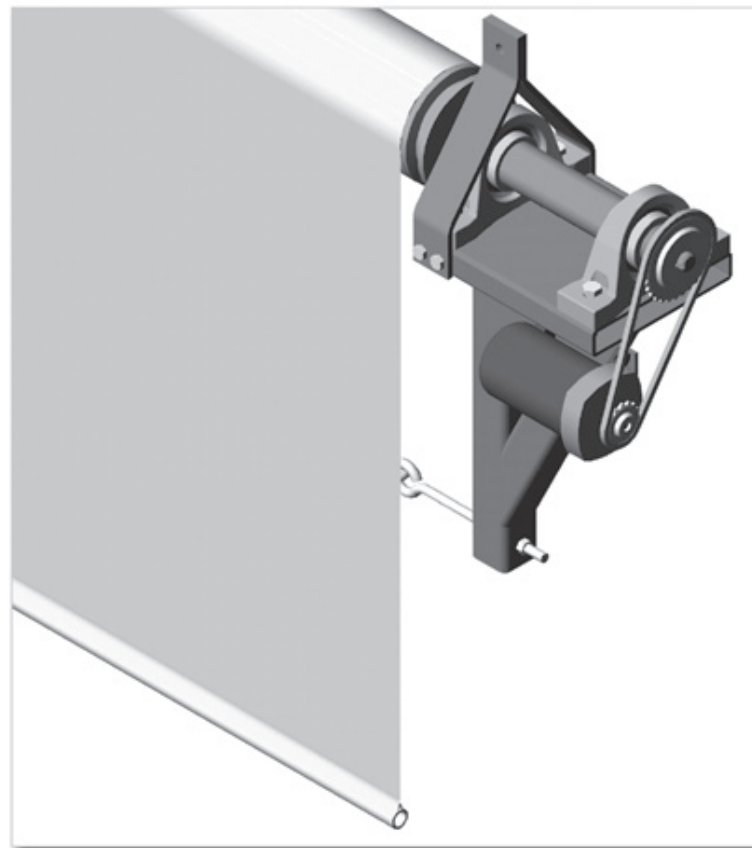
FORMANCE™
Rolling Out Solutions

WHAT'S THE BIG IDEA?

60' WIDE THEATRICAL DROP SYSTEMS THAT USE MINIMAL VERTICAL STORAGE

SOLUTIONS FOR ANY SCENARIO.

PANAVISTA 3



Introducing PanaVista 3 the compact motorized roll drop for low-profile installations.

- ▶ Span stage widths up to 60' using less than 4' of vertical overhead space
- ▶ Simple 120v electrical operation
- ▶ Retro fit existing stages without the need for or cost of roof modifications
- ▶ Allows for sleek design in new construction
- ▶ Simple installation on chain or aircraft cable to existing structures
- ▶ Drops easily changed by the user, allowing for versatility
- ▶ Quiet enough to operate during performances
- ▶ Compact design fits easily between existing line sets
- ▶ Custom widths and speeds available
- ▶ Simple push-button operation with user-adjustable limit switches
- ▶ Interfaces with most control systems

Learn more about how PanaVista 3 can simplify your theatrical projects and protect your budget. Contact FORMANCE™ — call 703.659.4890, email info@FormanceInc.com or visit us at FormanceInc.com.

THEATER SOLUTIONS

The PanaVista 3 spans distances up to 60' with virtually no sag and deflection. That's 35' longer than possible with older roll drop technology. The innovative patent pending PanaVista 3 also uses minimal vertical storage, which makes it ideal for easy retro-fit installation in low-profile theater spaces. For new construction, PanaVista 3 offers an exciting alternative to cumbersome traditional fly houses.

Architects and contractors know how difficult and expensive it is to build or renovate theaters with standard rigging equipment. Counterweight systems have been the classic solution for providing cycloramas, scrims or painted scenic drops. The typical counterweight system requires a minimum of 2.25 times the height of the proscenium opening. In other words, a traditionally equipped 20' high proscenium needs to be built 45' tall — which is almost 40' taller than a PanaVista 3 equipped proscenium.

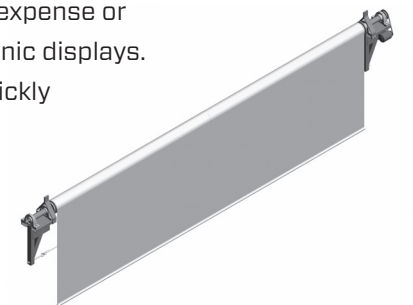
The compact design of the PanaVista 3 makes painted scenic drops and scrim effects up to 60' wide possible with roughly the same amount of overhead space as standard duct work. This space reduction can mean significant savings in construction or renovation costs. Plus, architects are freed from the design constraints imposed by traditional counterweight systems — the PanaVista 3 allows for a sleek exterior profile.

ACOUSTIC BANNERS

Compact, quiet and easily controlled, the PanaVista 3 offers an alternative solution for the installation and management of sound control systems. Acousticians can replace multiple acoustic banners with just one PanaVista 3, which can be raised and lowered via a single motor that easily interfaces with most control panels. With custom widths up to 60', the PanaVista 3 can bring significant cost savings while providing efficient, user-friendly sound control for theaters and concert halls.

ADVERTISING BANNERS

Static advertising banners in arenas quickly fade into the background. Banners that appear and disappear or even change their message gain higher audience awareness. PanaVista 3 can be installed in arenas or other indoor venues to provide advertisers with active, mobile name and product recognition — but without the expense or technical complexity of electronic displays. Advertising banners can be quickly and easily attached to the PanaVista 3 and controlled with a simple switch that can be integrated into a master control panel.



SPECIFICATIONS

Motorized Roll Drop Device

COMPONENTS

Roll Tube

- (1) 6061-T6 aluminum alloy tube 8" in diameter (length as required)
- (2) hub and shaft assemblies
 - Shafts shall be machined from ASTM A193-B7 bar stock steel
 - Shaft and hub diameter shall be properly sized to carry imposed loads and fit to prevent slipping and wobble in the tube
 - Hub and shaft assemblies shall be pressed into the end of the tube
- Splice Sleeve (if required)
 - Shall be machined from ASTM A193-B7 bar stock steel
 - Shall be pressed into the end of the tube
 - Shall be sized to prevent slipping and wobble in the roll tube

End Weldments

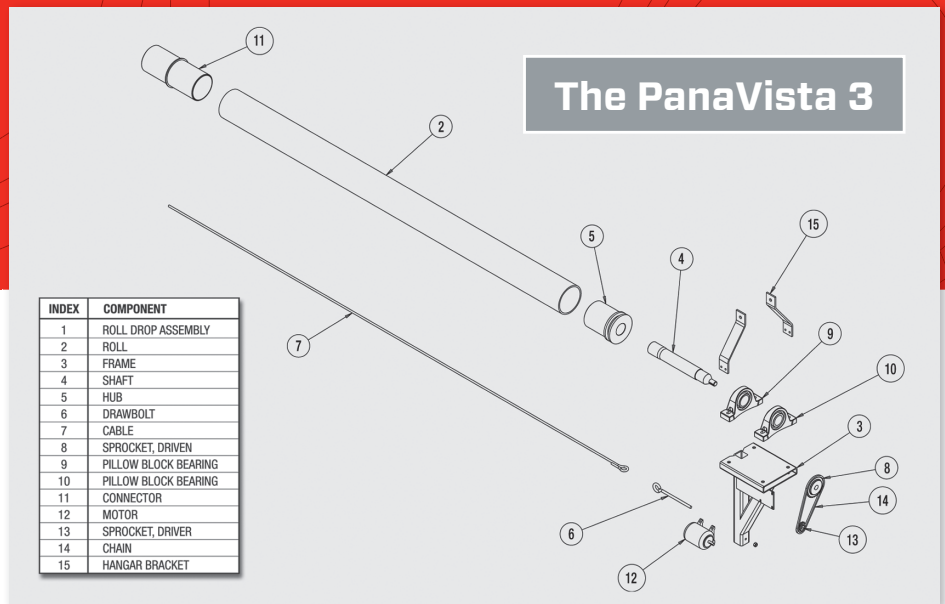
- Weldments shall be fabricated from A36 steel tubing, not less than 1/4" thick
- Weldments shall be sized and constructed as necessary to accept the imposed load
- (2) self-aligning pillow block bearings mounted to each weldment
 - Bearings to be mounted to weldments using 3/4" dia. Grade 8 bolts with locking nuts
 - Bearing shall be sized to accommodate the required loads and speeds of the roll tube

Tensioning Cable

- (1) 1/2" diameter 6x19 galvanized aircraft cable
 - Cable shall be terminated with a heavy pattern thimble and swaged fitting at each end
- (1) 1" diameter, 12" long jaw end draw bolt
- Tensioning cable shall be used to pre-load the roll tube assembly

Motor and Control

- (1) 1/3HP 120VAC electric motor with integral electric brake
- (1) Gearbox reducer
- (1) #50 roller chain and steel chain sprocket drive
- (1) Mechanical rotary limit switch



INDEX	COMPONENT
1	ROLL DROP ASSEMBLY
2	ROLL
3	FRAME
4	SHAFT
5	HUB
6	DRAWBOLT
7	CABLE
8	SPROCKET, DRIVEN
9	PILLOW BLOCK BEARING
10	PILLOW BLOCK BEARING
11	CONNECTOR
12	MOTOR
13	SPROCKET, DRIVER
14	CHAIN
15	HANGAR BRACKET

- (1) NEMA 3 cabinet
 - Shall contain motor contactors and control relays
- (1) Wall mounted control panel
 - On/Off key switch
 - Up/Down push-and-hold buttons

PERFORMANCE

Capacity

- Live Load capacity of the unit shall increase as Roll Tube length decreases
- Unit shall have a minimum Live Load capacity of (14) pounds per linear foot of Roll Tube
 - Example: 60' Roll Drop shall have a minimum Live Load capacity of 840lbs
- Unit shall have not more than 0.2" deflection under full load

Adjustability

- Unit shall be adjustable, via a tensioning cable, to rectify the unit's deflection under different loads
 - Adjustability must allow for the Roll Tube to maintain a maximum of 0.2" of deflection or less

Installation

- Unit shall have multiple options of attachment for suspension hardware to include:
 - Brackets for suspension with aircraft cable or proof coil chain
 - Mounting holes for (4) lengths of threaded rod
- Unit shall be installed level

Full technical specifications are available at www.formanceinc.com

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