



**THE SAM450
BREAKING NEW GROUND**

SAM450

**STAGE
LINE**





STAGELINE ADVANTAGES

STAGELINE, THE SPECIALISTS FOR OVER 35 YEARS IN DESIGNING, PRODUCING AND DELIVERING THE SAFEST AND MOST INNOVATIVE MOBILE STAGES TO OUTDOOR EVENTS.

- Most requested mobile stage in its category
- Holds the market lead in rigging & wind resistance
- Built to last 25 years and more
- Outstanding payback and great resale value

SAM450





Bonnaroo / Courtesy of Dave Vann

MULTIPLE CONFIGURATIONS

STANDARD

44' x 38' 6" with 16' x 16' extension deck

10' Fly Bays / Overall width: 68'



1 COVERED WINGS

Modular 16' x 20' (covered on 16') up to 16' x 40' (covered on 32')

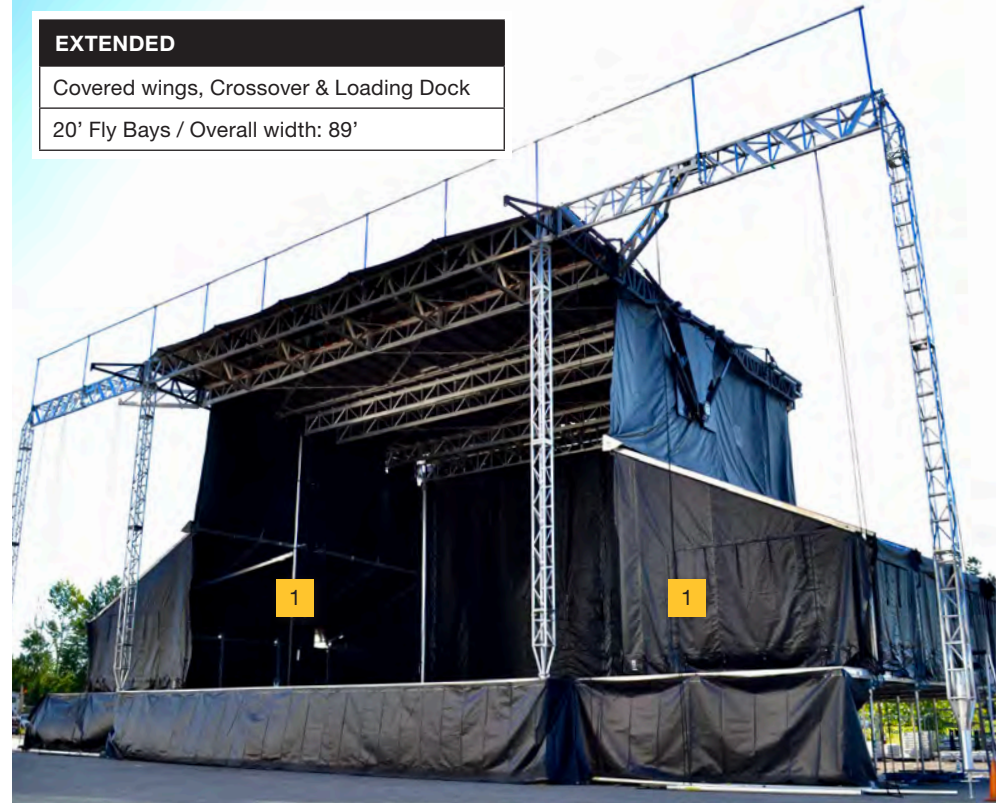
CROSSOVER & LOADING DOCKS

A customized trailer, the crossover (60' x 12') loading dock levels hydraulically to stage height.

EXTENDED

Covered wings, Crossover & Loading Dock

20' Fly Bays / Overall width: 89'



NO LIMITS TO WHAT YOU CAN DO

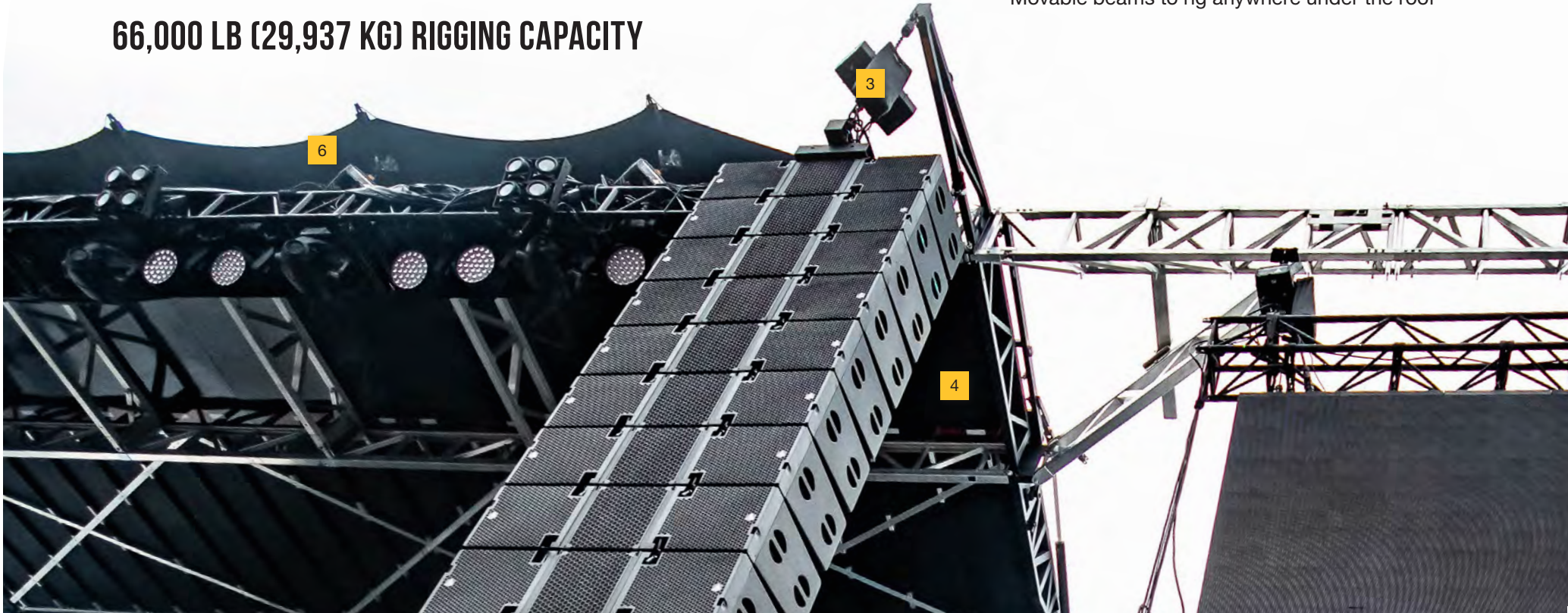
66,000 LB (29,937 KG) RIGGING CAPACITY

FLY BAYS

- 1 10' wide (free of cable) 6,000 lb /side
- 2 20' wide (with a box truss corner post) up to 10,000 lb capacity /side

LIGHTING

Movable beams to rig anywhere under the roof

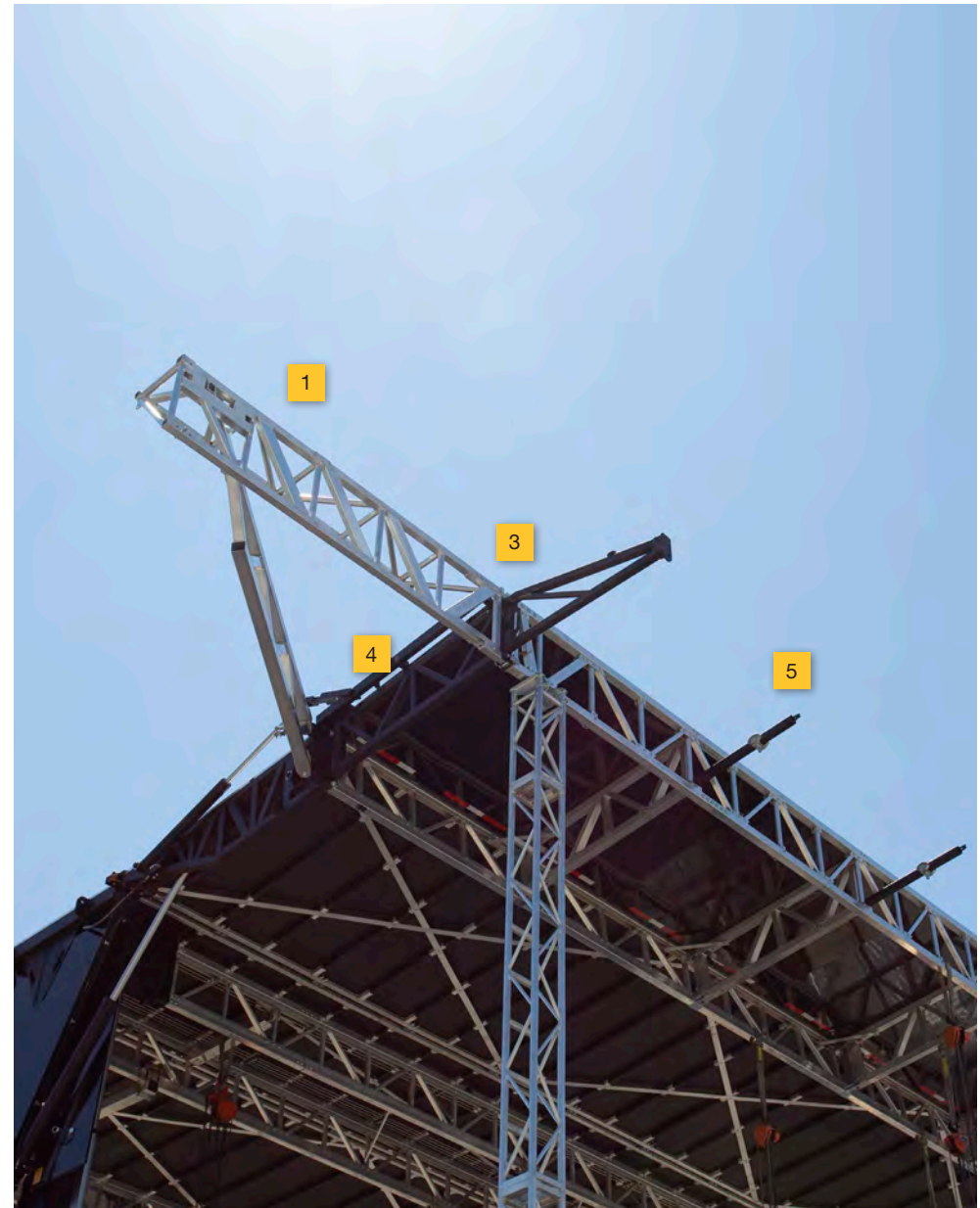


SOUND RIGGING FEATURES

- 3 3,000 lb PA sound rigging point
- 4 Front corner truss with an additional 2,000 lb capacity to fly subs behind the PA

FOH

- 5 5 front overhang pipes of 1,000 lb each
- 6 3' canopy



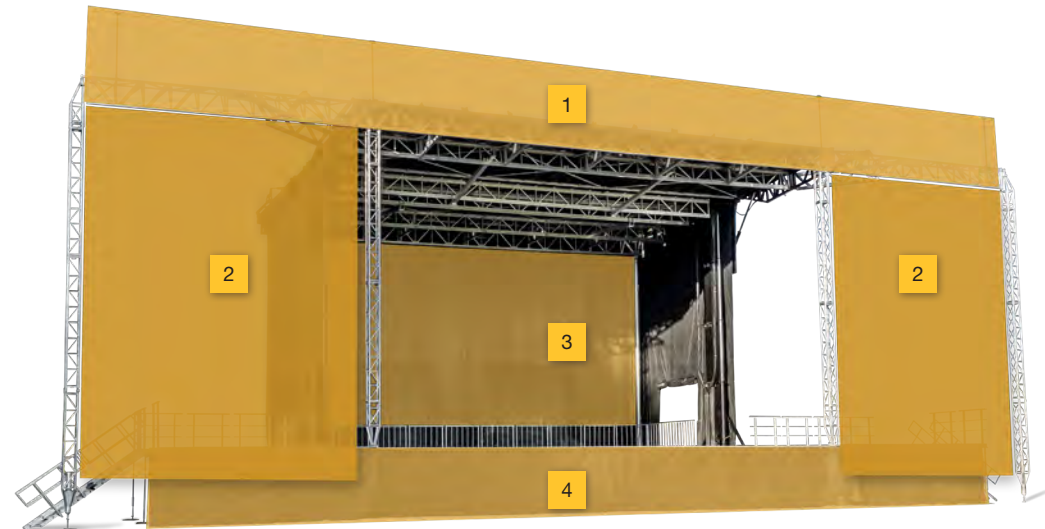
SHOWCASE YOUR EVENTS AND SPONSORS

ON THE ROAD TRAILER WRAP ADVERTISING PANELS

41' x 6' (12 m X 1,9 m) - rivet-free panels with gel coating that improve graphics application and appearance.

MAXIMUM BANNER SPACE

- 1** Top banner up to 87' x 5' (27 m x 1,7 m)
- 2** 2 Side banners 20' x 26' (6,1 m x 7,9 m)
- 3** Backdrop 38' x 22' (12 m x 7 m)
- 4** Skirt 100' x 6' (30 m x 2 m)





LED SCREEN RIGGING

1 LATERAL SCREEN

20' x 27' (6 m x 8,2 m) | 10,000 lb (4,535 kg) Capacity

2 UPSTAGE SCREEN

40' x 20' (12 m x 6 m) | 8,000 lb (3,628 kg) Capacity

HEADER SCREEN

40' x 12' (12 m x 3,6 m) | 4,000 lb (1,814 kg) Capacity

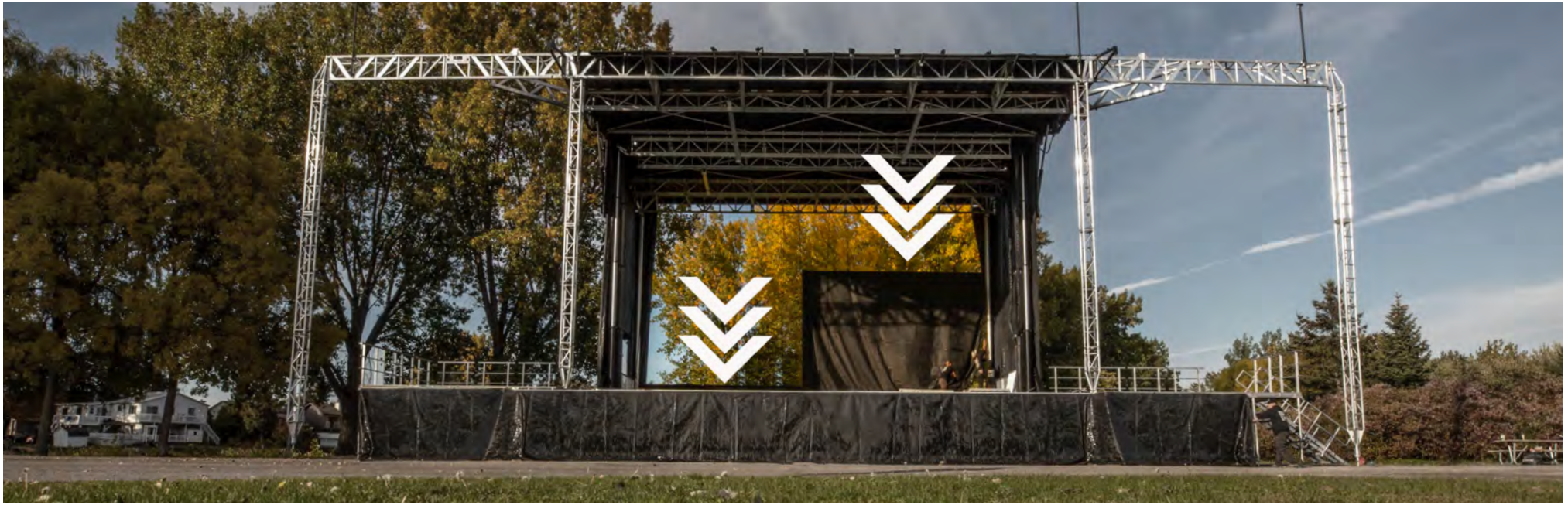


Bell ❤️ toboggan

1

2

1



MAXIMUM WEATHER PROTECTION

**RETRACTABLE
BACKDROP AND BANNERS**

Wind resistance up to:

- 115 mph (185 km/h)
- 77 mph (123 km/h) with windwalls



SAFETY AND QUALITY

CUTTING EDGE BOLTED TRUSSES

We use the latest in digital manufacturing technology for improved strength and precision

- Built and tested up to 2 times the permitted load
- Engineering certifications by Stageline and US McLaren
- Engineering is based on the IBC International Building Code and NBC, Canadian Building Code



WHY THE INDUSTRY PREFERS STAGELINE

Most Widely used

More than 25,000 events per year in over 50 countries - an average of 68 events per day.

Craftsmanship and expertise

Every stage is built in-house and benefits from serious engineering and craftsmanship with experience gathered from decades of use in outdoor events.

Quality control and delivery

Each mobile stage goes through a complete inspection during manufacturing including load tests and complete installation prior to delivery.

Exceptional durability and reliability

Built to last 25 years and more with proper care and maintenance.

Provider of safe staging environments for over 30 years

Highest wind resistance - up to 115 mph (185 km/h) without windwalls and 77 mph (123 km/h) with windwalls. No incident causing an injury due to a breakdown of equipment.

Outstanding value

Low operation and maintenance cost. High resale value even after 10 years.

Certification

Each stage complies with road regulations. Stageline provides complete engineering certification for both structural design and rigging capacity for all countries. Certified documents available for each state and province of the US and Canada.

Environmentally responsible

All products are manufactured in Stageline's state of the art LEED® certified facility integrating the latest environmental technologies.

Award-winning

Our company and products have achieved high acclaim in the industry and have won several engineering and event industry awards.



CUSTOMER SERVICE

Customer Support

We provide a complete 24/7 after sales support.

Parts & Accessories

The best way to ensure that your Stageline mobile stage retains its original condition is to purchase your parts and accessories directly from Stageline.

Inspection & Maintenance

Like any sophisticated piece of equipment, a Stageline mobile stage requires basic maintenance throughout the year. This maintenance must be performed according to specific guidelines.

With this in mind, Stageline's engineers and experienced technicians have developed a unique inspection program. This program will give you a complete analysis of the condition of your equipment including a list of immediate repairs & recommendations.



Training

Driven by the need to ensure technical efficiency, Stageline developed a training and certification program which meets and even exceeds its clients' and users' requirements. Operation of a Stageline mobile stage by qualified personnel is directly linked with the enforceability of the warranty and is required to benefit from the technical support offered on all Stageline products.

With its training program, Stageline helps its users and clients increase profitability on their investment through an efficient utilization of the products.

The main goal is to develop the aptitudes and technical knowledge of the technicians in order to preserve the products' integrity and guarantee durability and maximum safety levels.

UNMATCHED ADDED VALUE

A STAGE THAT PAYS FOR ITSELF FOR GOOD REASONS:

Built to last over 25 years, this stage will help you maximize your ROI for years while endorsing a strong commitment to sustainability.

THE SAM450 OFFERS A STRONG LEVERAGE ON YOUR OTHER SERVICES AND A QUICK RETURN ON INVESTMENT

STAGE CARE WARRANTY

We are so confident in our staging technology that we offer the Stage Care Warranty that conveys a lasting assurance equal to none

- Full 1 year parts and labor
- 3 years on the chassis and structure
- 5 years on the fiber glass

WHAT OUR CLIENTS SAY

PERFORMING ARTS

“With the SAM450 capable of mounting full-scale ballet, opera, symphony, and all manner of performing arts productions, (...) it provides a window to the future. We are looking toward to a future of performing arts that engages people in their own communities, expanding our reach and increasing access to the arts for audiences throughout the region.”

**Harris Ferris /
Executive Director
Pittsburgh Ballet Theatre**

PRODUCTION, SOUND AND LIGHTS

“The SAM450 saved us a lot of money with the covered wings. It also saved us a bunch of money with the 20-foot outpost to put our giant LED walls on. It was a raging success, and a lot of that comes down to the Stageline SAM450”

**Taylor Meredith /
Owner
Taylor Made Productions**

“I was happy with the performance and rigging ability of the SAM450 stage. We felt we could really accomplish any design we wanted to with minimal compromises. As always the product lives up to the SAM series where everything is rock solid and over-engineered. I can't recommend this stage enough!”

**Kyle Schroeyens /
VP & Production Manager
PA Shop**



TECHNICAL SPECIFICATIONS

PRACTICAL ASPECTS

Site Preparation

None

Heavy Machinery Required

None

Mode of Transportation

1 Fifth-wheel tractor

Personnel Required

1 Certified technician and 3 stagehands

Gust Wind Resistance

115 mph (185 km/h) without windwall,

77 mph (123 km/h) with windwall

Promotional Visibility

Rolling billboard or multiple banner options

Windwalls*

Weatherproof - fire retardant vinyl or scrim (blow-through material)

Floor Extension Platforms*

Integrated brackets - easy to install

TRAILER		
Length	47' 11"	14.61 m
Width	8' 6"	2.59 m
Height	13' 5"	4.10 m
STAGE FLOOR		
Length and Depth	44' 0" x 38' 4"	13.41 x 11.70 m
Length and Depth with Extension Platforms and Loading Dock	76' 7" x 50' 4"	23.34 x 15.34 m
Height from the ground	5' 3" to 6' 6"	1.60 to 1.98 m
Design Live Load	150 lb /ft ²	732 kg /m ²
Type of Surface	Plywood on aluminum	
Modular Covered Wings	16' x 16' up to 16' x 32' /side	4.89 x 4.89 m to 4.89 x 9.75 m / side
ROOF		
Length and Depth with Front Overhang	46' 7" x 43' 7"	14.20 x 13.28 m
Type of Surface	Fiberglass bonded on aluminum	
Rigging Height	24' 8" to 26' 9" (T3 US to T3 DS)	7.52 to 8.15 m
Maximum Height with Banners	39' 6" to 40' 9"	12.05 to 12.43 m
Load Bearing Capacity †	66,000 lb	29,937 kg
6 Trusses (T1s, T2s and T3s)	6,000 lb (each)	2,722 kg (each)
10 Front Overhang Points	up to 1,000 lb (each)	up to 454 kg (each)
2 Cantilevered Side Overhang Truss	6,000 lb (each) 10' 1" length	2,722 kg (each) 3.07 m length
2 Line Array Rigging points (P37) per side*	4,000 lb /side 6' 3" length	1,815 kg /side 1.91 m length
2 Side Overhang Truss Extensions*	10,000 lb (each)	4,535 kg (each)
2 Front Corner Overhang Beam*	2,000 lb /side	907 kg /side

† Please refer to rigging plan

* Optional

Values indicated are nominal. Due to STAGELINE'S product improvement policy, technical specifications may change without notice.



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INNOVATIVE MOBILE STAGING

