

SAM450

# BREAKING NEW GROUND



MONTREAL | FORT LAUDERDALE | LAS VEGAS





**THE SAM 450  
RAISES THE BAR ON  
SO MANY LEVELS**

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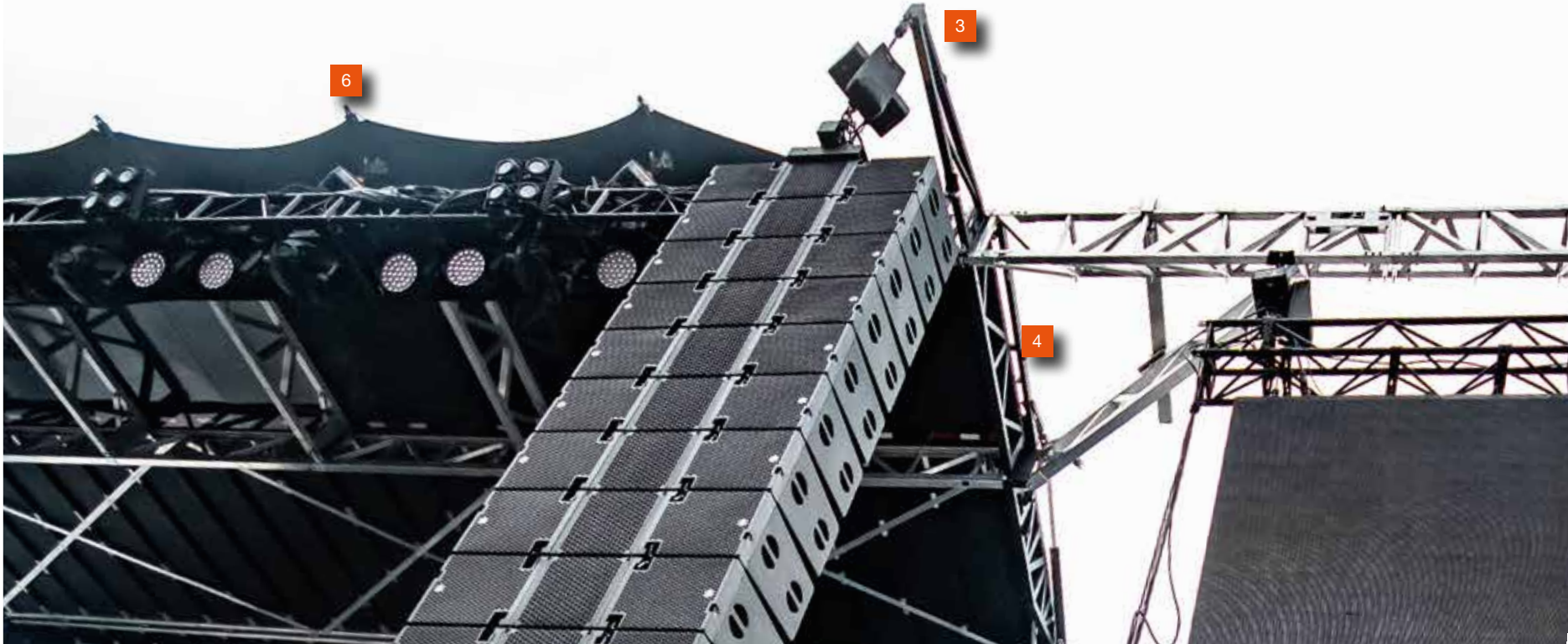
**DECADES OF STAGING AND  
MANUFACTURING EXPERIENCE COMBINED**



# NO LIMITS TO WHAT YOU CAN DO

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**66,000 LBS**  
RIGGING CAPACITY



## FLY BAYS

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

## LIGHTING

Movable beams to rig anywhere under the roof

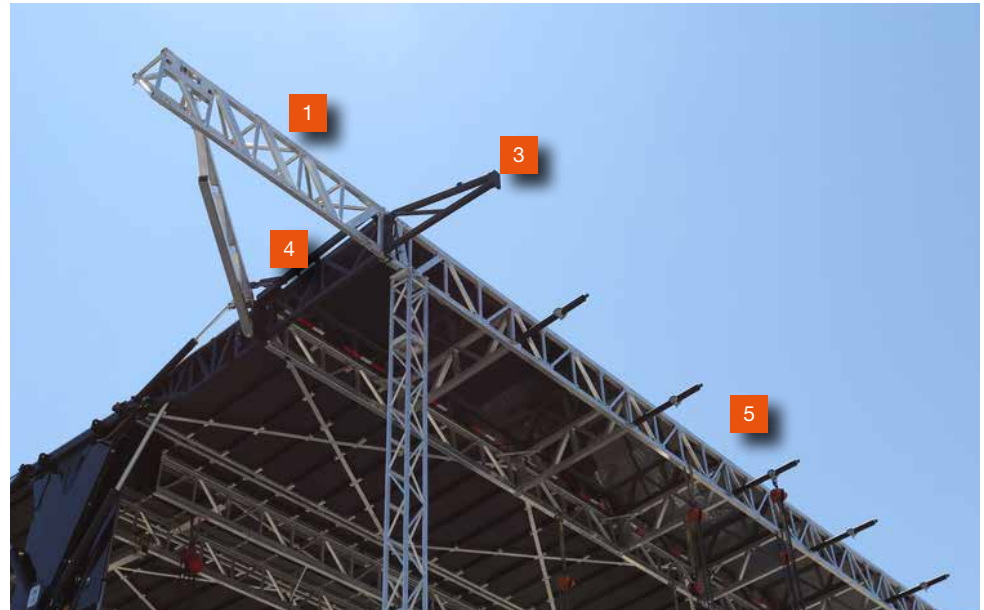


## SOUND RIGGING FEATURES

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

## FOH

- 5 front overhang pipes of 1,000 lbs each - **(5)**
- 3' canopy - **(6)**



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# MULTIPLE CONFIGURATIONS



## STANDARD

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

10' Fly Bays / Overall width: 68'

## EXTENDED

Covered wings, Crossover & Loading Dock

20' Fly Bays / Overall width: 89'



### **CROSSOVER & LOADING DOCK**

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

### **COVERED WINGS**

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



# SCREENS

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- Rigging multiple large screens
- Six (6) roof trusses with a capacity of 6,000 lbs each





# ROOF TOP HEADER WITH LED CAPACITY

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## Header banner

- with 10' flybays: up to 66' x 5'
- with 20' flybays: up to 87' x 5'

## Side Banners

- with 10' flybays: up to 10' x 26'
- with 20' flybays: up to 20' x 26'

## LED roof top

- up to 46' x 5'



# MAXIMUM WEATHER PROTECTION

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**RETRACTABLE  
BACKDROP AND BANNERS**

**Wind resistance up to:**

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



# SAFETY AND QUALITY

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## 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 CHOOSES STAGELINE

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### **Most Widely used**

Around 25,000 events per year in over 45 countries.

### **Exceptional durability and reliability**

Built to last 20 years and more with proper care and maintenance.

### **Provider of safe staging environments for 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.



# SAM450 TECHNICAL SPECIFICATIONS

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

† Please refer to rigging plan.

\* Optional

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	90' 3" x 42'	27.52 x 12.80 m
Height from the ground	5' 3" to 6' 6"	1.60 to 1.98 m
Design Live Load	150 lbs /ft <sup>2</sup>	732 kg /m <sup>2</sup>
Type of Surface	Plywood on aluminum	
<b>Modular Covered Wings</b>	<b>16' x 16' up to 16' x 32' /side</b>	<b>4.9 x 4.9 m to 4.9 x 10 m /side</b>
ROOF		
Length and Depth with canopy	46' 7" x 41' 8"	14.20 x 12.71 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' 7" to 40' 10"	12.07 to 12.45 m
<b>Load Bearing Capacity †:</b>	<b>66,000 lbs</b>	<b>29,937 kg</b>
6 Trusses (T1s, T2s and T3s)	6,000 lbs (each)	2,720 kg (each)
10 Front Overhang Points	up to 1,000 lbs (each)	up to 454 kg (each)
2 Cantilevered Side Overhang Truss	6,000 lbs (each)	2,722 kg (each)
	10' length	3.05 m length
2 Line Array Rigging Beams per side*	4,000 lbs /side	1,814 kg /side
	6' 3" length	1.91 m length
2 Side Overhang Truss Extensions*	10,000 lbs (each)	4,535 kg (each)
2 Front Corner Overhang Beam*	3,000 lbs /side	1,360 kg /side



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**INNOVATIVE MOBILE STAGING**

