SL100
WE’VE KEPT THE BEST
AND MADE IT BETTER
With over 30 years in the staging industry, Stageline has earned the reputation as the leading designer and manufacturer of hydraulic mobile stages.

All our ideas, concepts and developments are user oriented and enable technicians, creative designers, artists and event organizers to carry out their work with total peace of mind.
Before its main usage as an outdoor stage, a mobile stage must perform as a road legal trailer.

Our advanced design combines a custom Stageline chassis with multiple hinged panels and telescoping structures that will not alter in performance from mileage and bad roads. It results in excellent road handling and safety year after year.
THE SL 100
A STAGE WITH A FULLY HYDRAULIC SET-UP

1. Level the unit & hydraulically position the deck and roof panels.

2. Hang sound, lighting, banners and set at ground and deck level.

3. Raise the roof with up to 3,800 lb (1,725 kg) of show equipment.

CUSTOMIZED HYDRAULICS
Calibrated power from precision designed cylinders and components yield a perfect flow with safe, well-timed speed of operation. Comes with safety valves that block the liquid flow and undue movements when needed. Safe and easy throughout with minimum effort and operation. Very low maintenance.

NEW FEATURE
Levers relocated and end panels redesigned for improved visibility of stage roof and deck panel deployment.

ELECTRIC STARTER INCLUDED

* Stageline promotes safe working habits by having a minimum of two workers on every job site.
STRUCTURAL UPGRADES FOR MORE RIGGING AND STRENGTH

STANDARD FLYBAY
1. Permanently mounted side rigging trusses with a 1,500 lb (680 kg) capacity per side. Truss deploys in seconds.
2. Rigging points for PA in front of all 4 corner posts, under the roof - PA extensions available.

OPTIONAL FLYBAY
3. Line array and screen rigging capability with multiple configurations (optional).

INCREASED RIGGING OPTIONS WITH THE 6’ (1.8M) SIDE RIGGING TRUSSES FOR LED SCREEN OR SPEAKERS.
MORE RIGGING OPTIONS TO PLAY WITH

T2 TRUSSES
1. Increased capacity to 1,200 lbs (544 kg).

REDESIGNED FOH
2. Capacity of 700 lbs (317 kg) at 2'-9" (0.84 m) from roof edge – 9' 4" (2.85 m) rigging pipe.

MULTIPLE RIGGING OPTIONS
24 built in rigging points with a capacity of up to 1,500 lb (680 kg).

MOVABLE RIGGING BRACKETS
4 movable rigging brackets provided.
NEW FEATURES
MAKING THE SL100 EASIER TO USE

STAGE
1. Corner post connectors redesigned and reinforced
2. Permanently installed guardrail and cargo bumper
3. Reinforced Deck and Chassis now at 150 lb/ft² (732 kg/m²). Leg installation with steel components instead of cables. Cross braced steel members added to support legs under the mid-section of trailer frame

STORAGE
4. Custom designed racks for loose staging components.
5. Corner posts stored in roof panels.

BATTERY
6. Battery system – 3 functions: work lights, emergency break-away system and engine starter. Battery recharging when 110v outlet is connected or truck is attached and connected (12 volt)

LIGHTS
7. 4 battery powered LED work lights. 2 in the roof – 2 under the floor

SAFETY
8. Optional engine kill switch
9. Steps for easy access to pin telescoping sections
10. Built in ground lug
SAFE AT ALL TIMES
RELIABLE IN ALL CONDITIONS

The SL100 is a tough machine that withstands today’s changing climatic conditions. Its sturdy windwalls can resist high winds, protect gear, talent and crew even under the most demanding outdoor situations.

Rigging show support equipment made easy at ground and deck level

Industry standard rigging points, trusses and beams facilitate the installation of equipment. Cuts down on climbing and set up time.

Superior design for loads & rigging

The SL100 is built and tested with the highest load and rigging design criteria in the industry – up to 2 times the permitted load.

Mother Nature will not steal the show

The SL100 is engineered based on the IBC (International Building Code) and NBC (National Building Code) to be safely deployed and used outdoors.

Highest wind resistance in the industry!

115 MPH (185 KM/H) without windwalls & 77 MPH (123 KM/H) with windwalls.
ALL AROUND SAFETY & RELIABILITY

RAISE AND LOWER THE ROOF SECURELY WITH DOUBLE MAST LIFTING MECHANISM

A set of sturdy masts lifts and lowers the roof and show support equipment. They function with balanced or unbalanced loads even in difficult weather conditions.

TOTAL CONTROL INSTALLATION

Pre-assembled rigid structural panels unfold hydraulically and sequentially. Locking devices and pins are incorporated into every step of the set up ensuring total control of the installation in complete safety. Totally self standing, the stage does not need to be secured with ballast and cables to maintain its stability and structural integrity.

FIBER LOCK PANELS

In closed position the roof panels of the stage become the side panels of a hard shell trailer. Fiber Lock* is a process where fiberglass is wrapped around the aluminum frame. This method has multiple functions to address esthetics and durability. Both structural and weather protective, this layering process compensates for movement and structural deflection of the panels when they are hydraulically deployed. The process eliminates damage from road vibrations and extreme weather conditions. The fiberglass panels never need replacement and they remain safe and great looking year in and year out.

* In blue to highlight Fiber Lock wrap.
ON THE ROAD TRAILER WRAP ADVERTISING PANELS
24' X 7' (7 M X 2 M)
Smooth rivet-free panels with gel coating that improve graphics application and appearance.
NEW FEATURES:

BANNER PIPES

Banner pipes installed with easy key connectors, reducing amount of pins.

BANNER HARDWARE

Rooftop and side banner systems simplified with interchangeable components.

MAXIMUM VISIBILITY

THE SL100 OFFERS MAXIMUM BANNER SPACE TO SHOWCASE YOUR EVENT

1. Top banner 37’ x 4’ (11 m x 1.2 m)
2. 2 Side banners 6’ x 16’ (1.8 m x 5 m)
3. Backdrop 23’ x 13’ (7.1 m x 4 m)
4. Skirt 40’ x 4’ (12.2 m x 1.4 m)

For exact dimensions, please refer to Banner Book.
WHY THE INDUSTRY CHOOSES STAGELINE

Most Widely used
Over 20,000 events per year in over 45 countries - an average of 55 events per day.

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 in the industry - up to 115 mph (185 km/h) without windwalls and 77 mph (123 km/h) with windwalls.

Quality Control
All units are built and comprehensively tested in-house by trained and certified personnel.

Outstanding value
Low operation and maintenance cost. High resale value on the market.

Certification and On site Inspection
Stageline provides complete engineering certification for both structural design and rigging capacity. In Canada and the US, we can provide certified documents for each state and province. This saves time and money. With a Stageline, strict on site inspection becomes a formality.

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.

WHAT OUR CLIENTS SAY

“We just took 75 mph winds, golf ball size hail and 4 inches of rain in 30 minutes and the entire event space is devastated with tents broken everywhere. The only thing I’m not having to deal with right now, is an absolutely pristine SL100 standing proud in the middle of it. Thanks for giving me one less thing to worry about.”

Jeff Krebs
Epicenter Productions, Texas

“We’ve done literally thousands of deployments with the SL100 and you can put it in some really remarkable places. Typically, our installation only takes between 35 and 40 minutes. ”

Dolph Federico
Pelican Events, New Orleans

“SL100 is defacto a standard in the industry. Everyone of professional note use Stageline. I wanted that bulletproof proven technology, workmanship, and engineering. Stageline’s SL100 changed my life!”

Laurence Sheldon
Big Ear Audio, California
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 your equipment’s condition 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.

Our main objective 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.

* Some limitations apply.

GROWING & BUILDING TOGETHER

STAGE CARE* WARRANTY

1 YEAR FULL WARRANTY
3 YEARS ON STRUCTURE & CHASSIS
5 YEARS ON THE FIBER LOCK ROOF
FULLY TRANSFERABLE WARRANTY

WE ARE SO CONFIDENT IN THE QUALITY, RELIABILITY AND DURABILITY OF OUR STAGES THAT WE SUPPORT EVERY MODEL WITH THE BEST WARRANTY IN THE BUSINESS.
FLOOR CONFIGURATIONS
TO SUIT YOUR NEEDS

Standard 24’x20’

Standard 24’x20’ with 8’x8’ sound wings

Back Extended 4’x24’ with 8’x8’ sound wings

Standard 24’x20’ with 8’x8’ sound wings and 8’x40’ at the front

Standard 24’x20’ with 12’x20’ sound wings
# SL100 TECHNICAL SPECIFICATIONS

## TRAILER

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Length</td>
<td>31' 9” (9.69 m)</td>
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<tr>
<td>Width</td>
<td>8'0” (2.43 m)</td>
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<tr>
<td>Height</td>
<td>11' 2” (3.40 m)</td>
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<tr>
<td>Dry Weight</td>
<td>9,460 lb (4,290 kg)</td>
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<tr>
<td>Maximum Weight</td>
<td>15,000 lb (6,804 kg)</td>
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## STAGE FLOOR

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length and Depth</td>
<td>24' x 20'7” (7.32 x 6.1 m)</td>
</tr>
<tr>
<td>Height</td>
<td>3'6” to 4'3” (1.07 x 1.30 m)</td>
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<tr>
<td>Design Live Load</td>
<td>150 lb/ft² (732 kg/m²)</td>
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<tr>
<td>Type of Surface</td>
<td>Plywood on aluminium</td>
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## ROOF

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Length and Depth</td>
<td>25'1” x 23'9” (7.64 x 7.23 m)</td>
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<tr>
<td>Clearance (Inclined roof)</td>
<td>14'6” to 13'4” (4.43 to 4.05 m)</td>
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<tr>
<td>Height (from ground)</td>
<td>19'2” to 19'11” (5.83 to 6.06 m)</td>
</tr>
<tr>
<td>Type of Surface</td>
<td>Fiberglass moulded around aluminum structure</td>
</tr>
<tr>
<td>Roof Lifting Capacity</td>
<td>3,800 lb (1,725 kg)</td>
</tr>
<tr>
<td>Roof Load Bearing Capacity</td>
<td>11,400 lb (5,190 kg)</td>
</tr>
<tr>
<td>2 Trusses - Downstage &amp; Upstage (T2)</td>
<td>1,200 lb each (544 kg each)</td>
</tr>
<tr>
<td>2 Trusses - Central Roof (T1)</td>
<td>1,500 lb each (680 kg each)</td>
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<tr>
<td>2 Front Overhang Extensions*</td>
<td>350 lb at 33” each (159 kg at 0.84 m each)</td>
</tr>
<tr>
<td>2 Side Overhang Rigging Beams</td>
<td>Total capacity 1500 lb each</td>
</tr>
<tr>
<td></td>
<td>Total capacity 680 kg each</td>
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## PRACTICAL ASPECTS

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Site Preparation</td>
<td>None</td>
</tr>
<tr>
<td>Heavy Machinery Required</td>
<td>None</td>
</tr>
<tr>
<td>Mode of Transportation</td>
<td>1 Pick-up truck or hauling vehicle</td>
</tr>
<tr>
<td>Gust Wind Resistance</td>
<td>115 mph (185 km/h) without windwalls</td>
</tr>
<tr>
<td></td>
<td>77 mph (123 km/h) with windwalls</td>
</tr>
<tr>
<td>Backdrop *</td>
<td>Weatherproof - fire retardant vinyl or scrim</td>
</tr>
<tr>
<td>Vertical and Horizontal Banner Supports *</td>
<td>Installed at ground level</td>
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<tr>
<td>Backdrop banner installation pipe</td>
<td>Built in to install your backdrop at ground level</td>
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</tbody>
</table>

## TOTAL ROOF LOAD BEARING CAPACITY

**11,400 LBS (5,190 KG)**

Due to STAGELINE’S product improvement policy, technical specifications may change without notice.

* Optional