

Certification

Stageline Mobile Stage Inc. Equipment

Stage and Covered Sound Wings Windwalls

We, from Stageline Mobile Stage inc., certify that the component identified above has been specified by the engineering department to meet NFPA 701-04 and ULC S-109 (Standard Methods of Fire Tests for Flame Propagation of Textiles and Films).

MODEL	WINDWALL AREA	MODEL	WINDWALL AREA
SL50	188ft² (17,5 m²)	PROMOBILE	594ft ² (55.2m ²) + 2 x 288ft ² (26.8m ²)
SL100	679ft ² (63.1m ²)	SAM440	1147ft ² (106.6m ²) + 2 x 731ft ² (67.9m ²)
SL200	490ft ² (45.5m ²) + 2 x 198ft ² (18.4m ²)	SAM550	2 x 690ft ² (64.1m ²) + 2 x 747ft ² (69.4m ²)
SL250	566ft ² (52.6m ²) + 2 x 243ft ² (22.6m ²)	SAM555	2 x 805ft ² (74.8m ²) + 2 x 793ft ² (73.7m ²)
SL260	599ft ² (55.6m ²) + 2 x 257ft ² (23.9m ²)	Covered Sound Wings SL-250/260	632ft ² (58.7m ²) + 2 x 112ft ² (10.4m ²) per side
SL320	991ft ² (92.1m ²) + 2 x 600ft ² (55.7m ²)	Covered Sound Wings SAM555	2100ft ² (195.1m ²) + 275ft ² (25.5m ²) per side



Procedures in case of Heavy Winds

Wind weather condition:

A) During set-up and dismantling of the stage and windwalls

The windwalls are the elements most at risk in windy conditions and the installation can become problematic. Wait until the wind has subsided before installing windwalls. If this is not possible, roll up windwalls and fasten with ratchet strap to the roof before raising the structure so it does not lash out and hurt anyone. We also suggest increasing your staff to have this operation completed quickly and more safely.

ji wind speed exceeds 40 mph (65 km/h), windwalls and stage installation are not recommended. We strongly suggest you wait until wind diminishes before completing the set up or dismantling the stage and windwalls.

) Prior to the start of the event

the Stageline Mobile Stages are designed to resist 3 seconds wind gust up to 90mph¹ (145 Km/h). However, this wind resistance depends on a proper installation if all support equipment and braces. In any weather conditions, the stage must be inspected by a certified technician and all its components must be secured.

- 1. If wind gusts are expected to exceed 50mph (80 km/h) (40 mph if covered wings are installed)::
 - a) Roof structure should be lowered to reduce exposed surface.
 - b) Windwalls should be removed. If not possible, roll up all access doors.
 - c) Remove, lower and secure all movable parts i.e. speakers, screens or lighting equipment, to limit any movement.

ð During the event

- 1. If wind gusts exceed 40mph (64 km/h) (30 mph if covered wings are installed):
 - a) Roll up all access doors.
 - b) Remove, lower and secure all movable parts i.e. speakers, screens or lighting equipment, to limit any movement.
- 2. If wind gusts exceed 50mph (80 km/h) (40 mph if covered wings are installed):
 - a) Unclasp the windwalls or slash openings in the windwalls.
 - b) The public and all non essential personnel present must remain at least 100 ft (30 m) away from the stage.
- 3. If wind gusts exceed 60 mph (97 km/h) (50 mph if covered wings are installed):
 - a) All remaining personnel present must remain at least 100 ft (30 m) away from the stage.
- Ipte: The most probable scenario during a violent storm is that the windwalls will be torn away. This is why it is so important to keep all technicians and the crowd at a safe distance.

18/03/13

Research & Engineering

80 mph (129 km/h) for an SL50*, SL100 or Mix position Unit # 536 and up Stage and Covered Sound Wings Windwalls 2013-03-18

STAGELINE SL50 A COMPACT STAGE SOLUTION SET-UP IN ONLY 30 MINUTES

ON AND OFF ROAD WITH TRUE TRACK ENGINEERING

TRUE TRACK ENGINEERING combines a custom Stageline chassis with multiple hinged panels and telescoping structures that will not alter in performance from mileage and bad roads. True Track results in excellent road handling and safety year after year.



COMPACT TRAILER TO FULL Performance stage

The Stageline SL50 short trailer design features an easy application for event site challenges. The SL50 is simple to drive into place and can be hand positionned. Spring loaded stabilisers help you turn a road vehicle into the base of a Stageline mobile stage. It's fast, it's simple and it's dependable.

A ROOF WITH FULL WEATHER PROTECTION AND LOAD BEARING CAPACITY

The Stageline SL50 fiberglass roof is raised with one easy operation of the 12v remote controlled power lifting mechanism. Several welded aluminium I-beam air-frame structures make rigging capacity possible. Specially designed I-beam clamps are provided to install rigging pipes and/or trusses anywhere in the roof. Sound rigs can weigh up to 375 lb per side. The SL50 roof is strong, watertight and wind resistant.

SPECIFICATIONS:

Stage Floor: 20' x 16' Roof liffing capacity: 200 lb Roof max load capacity: 2,500 lb Wings load bearing capacity: 375 lb Sound rig height: (max) 15'1" Roof rig height: (from deck) 11' to 9'5" Deck height: 3'2"

ALL STANDARD EQUIPMENT TRAVELS IN ONE TRAILER UNIT:

Deck: rated at 100lb/ sq, ft Roof: fiberglass bonded to aluminum 2 sound rigging extensions; 375 lb per side, accept line array system 2 sound wing areas: 8' x 16' w/ guardrails 1 rooftop banner support: up to 21' x 2' 2 lateral banners supports: 36' x 11' Skirting Guardrails 1 stairway with handrails 1 Ramp Vinyl Rear windwall Mesh black backdrop OPTIONAL

Tailored windwalls, scrim or mesh



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Apex3224 Specifications

Trailer:

Trailer Length	34'
Trailer Width	102''
Trailer Height	12' 2"
Cargo Space	6' 11" x 31' 4'
Cargo Capacity	5,000 lbs
Trailer Weight	14,150 lbs
Tongue Weight	1,800 lbs
Rear Axle Rating	10,000 lbs
Front Axle Rating	10,000 lbs
GVWR	20,000 lbs

Stage Roof:

26' 3" x 34'
17' 8"
15' 8"
15'11"
15' 5"
Fiberglass /
4,500 lbs
2,000 lbs ea
1,000 lbs even dist
1,000 lbs even dist
1,000 lbs even dist ea
8,000 lbs
2' 3"



Stage Deck:

Floor Size Floor Height Ground to Roof Floor Rating Structure

32' x 23' 8" 46" to 66" 23' 1" 150 lb/sqft Marine Plywood / Alum (16) 7,000 lbs jacks

Floor Support

Other:

Install Time Personnel Required 2 Site Prep Hauling Mode Power Source Secondary Power (optional)

30 min - 1hr None Pick-up Truck 5 HP Gas Motor 1.5 HP electric motor