

Risk Assessment

Epic Stage

Significant Hazard	Groups at Risk	Existing Controls	Further Action Required
Stage Area	Participants	To make sure stage is level & secured before use.	Wet Floor Signage to be erected.
Stage falling if not supported	Participants/ passers by/users/ person setting up / Rigging Team	When taking off the legs ensure that the stage is supported. Wear Gloves and Keep fingers away from moving parts.	
Water/ Liquid on stage / flooring	Person operating ensure only use in fair weather.	Ensure floors are monitored for liquids and to mop up any liquids	
Vehicle movement on site, risk of collision with person or staging & objects	Staff, Performers Public	Vehicle to be guided by stewards in high res jackets. Vehicle to not exceed 5mph. Hazard lights to be turned on whilst moving.	
Construction / Dismantling of staging, risk of falling objects, collapsing structure, slips and trips,	Staff, Performers Public	Staff experienced in handling equipment. Staff to look for potential hazards and report them to the production manager	
Electricity / PA / DJ equipment, risk of fire / electrocution, slips and trips from leads	Staff, Performers Public	All electrical equipment will be checked for damage, abrasion before use. Cables routed away from pedestrian / vehicle routes. Cables to be covered to reduce risk of slipping. Event will be cancelled if it rains and no roof covering is in place to protect the electrical equipment. All equipment PAT tested	

Method Statement

Epic Stage

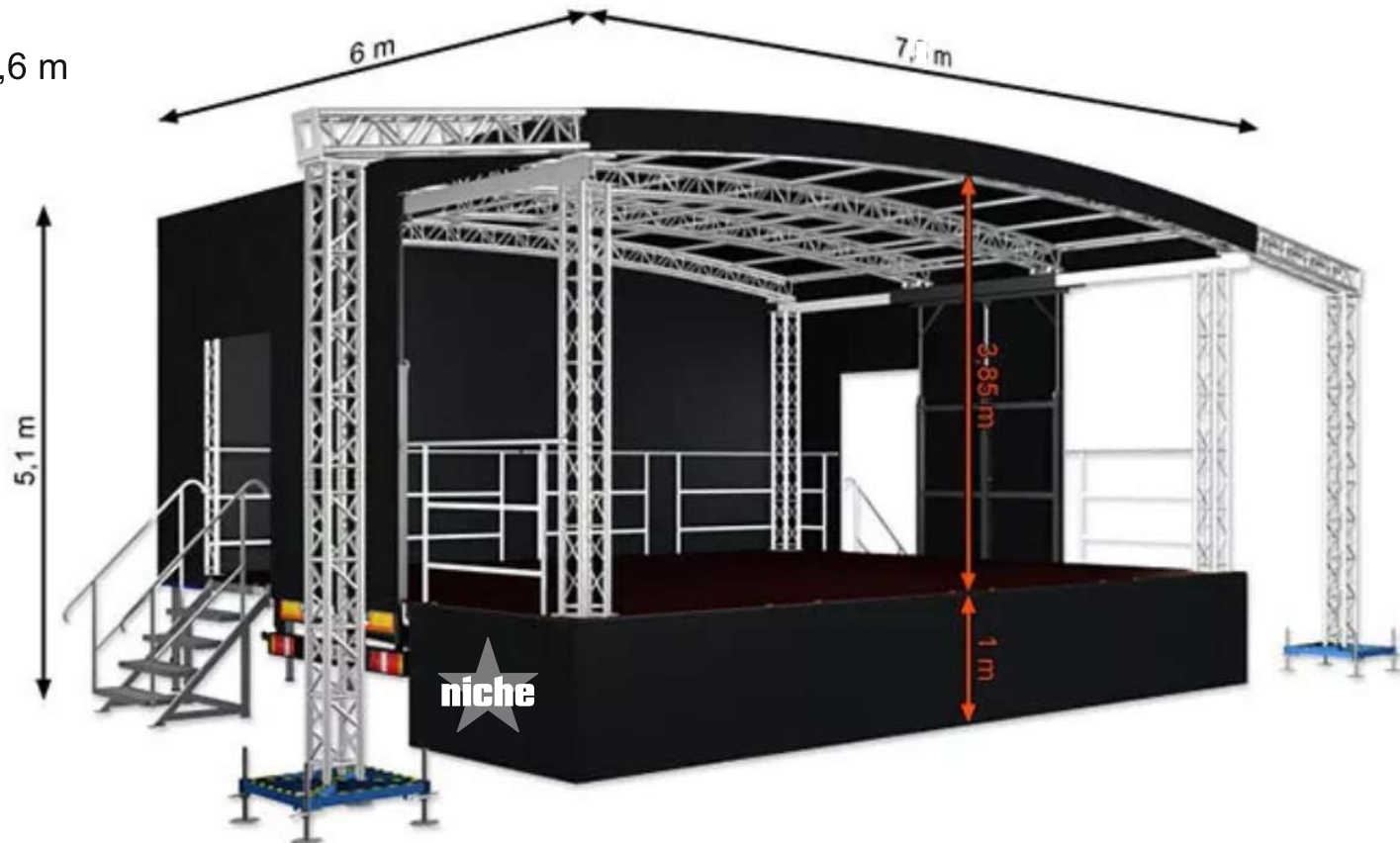


1. Inspect area stage & trussing will cover, ensure flat ground and remove any obstacles.
2. Check height area above for any restrictions. i.e. cables trees, lights.
3. Barrier fencing, rope or tape used to cordon off the stage from the public.
4. Ensure there are at least two persons from the rigging team, setting up the site.
5. Put on protective gloves, high visibility jackets and work boots
6. Set up stage & trussing, secure wood blocks, ensure secured in its position.
7. Ensure all supports are in place, using a spirit level ensure the stage is level.
8. Remove and secure stage supports, when lifting ensure correct lifting technique as illustrated in the Niche Event Hire Health and Safety Manual.
9. Using correct lifting technique place safety hand rails in correct slots, ensure all safety bolts are tightened and ensure hand rails are fully secure.
10. Using correct lifting technique place staircase / disabled ramp in correct slots, ensure all safety bolts are tightened and ensure staircase is secure.
11. If using under stage for storage, Secure banner skirt is put in place, to cordon off the underneath of the trailer from public.
12. When in use of generators, Barrier fence the complete area off from access to the general public. Refills to be carried out to the manufactures recommendations turn the throttle into the stop position fill the tank cautiously using a funnel. Do not over fill. No smoking, naked flames or sparks to be near area. Not to be operated by any untrained person. Make sure the fuel cap is secured firmly on the fuel tank. Any reserve fuel to be stored in a safe secure well-ventilated area and in an approved container. Generators are for outdoor use only in well-ventilated areas. A suitable fire extinguisher to be left on site in an easy accessible position.
13. Safety rules followed by HSE safety regulations to be given to the supervised operator.

Calculations / Dimensions

Epic Stage

- Type of roof Arched
- Dimensions as a stage 7m x 6 m x 5,1 m
- Dimensions as a trailer 8,4 m x 2,46 m x 3,6 m
- Way of lifting the roof hydraulic, 3 minutes
- Net weight included all parts 2400 kg
- Permitted total weight 2500 kg
- Stage area 45 m²
- Height of stage floor 1000mm / 1300mm
- Stage floor slip proof, weather proof
- Roof front & back capacity 300 kg
- 1000 kg - to the middle part of the roof*
- Floor capacity 500 kg/m² truss system
- pillars load capacity 50 kg Max.
- Wind speed 70 km/h or 43 mph Max.
- thickness of snow on the roof 8 cm
- Canopy PVC certified material (flame resistant)
- Scrim Type Black A203
- Installation time 30 min / 1.30 mins
- Build Date August 2015



Calculations / Dimensions

Epic Stage Wind & Weight Specifications



Method Statement

Stage Technical Information

Additional 8ft x 4ft Staging Blocks



Litestructures' stage decking system is manufactured from high tensile aluminium alloy grade 6082T6. The material has a 0.2% proof stress of 225MN/m². The sections are extruded and comply with BSEN755-2.

The decking frame is constructed through the TIG welding process and is carried out in accordance to specifications laid out in BS3019:

part 1: Specification for TIG welding of aluminium by welders certified to BS:EN:287-2: Approval testing of welders for fusion welding –

part 2: aluminium and its alloys.

The deck is made from 19mm standard grade plywood, similar to that used on truck platforms. It has a high resistance to point loads and can carry the loads associated with staging.

A set of calculations are available which show that Litedeck exceeds BS6399: part1: 1996: Code of Practice for Dead and Imposed Loads.

The calculations are performed to comply with BS8118:1991: Structural Use of Aluminium and BS5268: Structural Use of Timber : part 2: Code of Practice for Permissible Stress Design, Materials, Workmanship 1984. The staging system as a whole will erect to comply with the IStructE 'Temporary Demountable Structures - Guidance on Design, Procurement and Use (Second Edition)'.

If you require further information about any Litestructures products, please contact our Sales Team on: +44 (0) 1977 659 800.

Fire Safety Risk Assessment

General Risks

Significant Hazard	Groups at Risk	Existing Controls	Further Action Required
Smoking e.g Cigarettes, matches and lighters	Participants / Users	To make sure nobody smokes on the stage area.	No smoking signs to be used. Call Electrician
Electrical / Gas or oil-fired heaters (portable)	Participants / Users	Not to be used.	
Faulty electrical equipment	Participants / Users	Turn off electrical power this can be achieved by rcd trip switches and removing fuel source.	
Light fittings and lighting equipment e.g. halogen lights or display lighting	Participants / Users	Ensure electrical and mechanical equipment is installed, used, maintained and protected in accordance with the manufactures instructions.	
Obstruction of equipment ventilation eg generators	Participants / Users	Ensure electrical and mechanical equipment is installed, used, maintained and protected in accordance with the manufactures instructions.	
Naked flames eg candles	Participants / Users	Not to be used.	
Flares, Fireworks and Pyrotechnics	Participants / Users	Not to be used.	
Deliberate ignition eg arson, vandalism.	Participants / Users	Take precaution to avoid arson.	