

DAYTONA

STAGE HIRE

DS100 METHOD STATEMENT

PRE-EVENT

- The Daytona DS100 Festival stage is designed for both indoor and outdoor events, it has a clear 10m frontage which is increased to 16m when PA Wings are used, a depth of 8m with an internal height of 5.5m. The stage exceeds all current requirements for loadings and stability.
- It is a trailer stage designed to be erected in six hours (dependent on site geometry) by two of Daytona's own trained crew which makes it ideal for festival venues where set up times are short.
- In developing the DS100, Daytona have designed out the need to manually lift equipment by using hydraulics wherever possible.
- The stage is self contained on one vehicle and can be delivered with the optional extras of PA wings, marquees, front of house and pit barriers.
- Below is an outline of the method used for erecting the stage ready for use. Dismantling the stage is a simple reverse of the erection procedure.

ERECTION

- Arrival on site and position stage trailer ensuring that sufficient space is available in front, behind and above the stage to ensure the platform can be properly deployed. Check also that there are no manholes or drain covers under the leg positions of the trailer.
- Using the air suspension on the tractor unit and trailer, raise the stage and tractor to a platform level of 1500mm above ground surface.
- Lower landing legs on trailer and detach tractor unit.
- Position load-bearing pads under main corner legs, then using the handheld pickle, hydraulically lower the four legs to support the stage, each being individually controlled to ensure the stage can be trimmed to level.
- Lower both pairs of front and central stabilising legs onto load-bearing pads.
- Position and secure both sets of stage access stairs leading to back stage area.
- Loosen roof transit connectors on trailer.
- Using hydraulics, open stage roof to level position.

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DS100 METHOD STATEMENT continued

ERECTION continued

- Fit safety net to rear of roof truss.
- Locate all four support bars. At this point the roof is secured by the hydraulics and support bars.
- Remove load bearing pads and bracing bars from storage.
- Unclip stage deck.
- Using hydraulics lower the stage deck, stopping just before trim height.
- Place load-bearing pads under deck landing legs and align, lower deck to trim height and adjust screw jacks on legs to support deck
- Connect bracing bars from front deck legs to trailer.
- Repeat procedures for raising roof and lowering platform for the rear section of the stage.
- Place deck infill sections into position to fill gap between stage sections and trailer body.
- Using the hydraulic rams at each end of the trailer, raise the roof structure by 2.4 metres.
- Insert truss in-fills into central guiding box sections and lower roof onto the guides transferring the load from the hydraulics onto the framework.
- Position and secure outer-corner truss pillars front and back.
- Secure bottom of safety net.
- Build back and side walls using proprietary plastic walling system, leaving gap at top for wind spill and for fitting of aluminium rain flap.
- Fit rear wall safety cables.
- Fit scrim to base of stage.
- Complete checklist to confirm that the stage has been properly constructed and that all the necessary safety features (pins, 'R' clips etc) are all in place.
- The stage is then ready for the installation of lights, internal dressing and the construction of the PA wings.



DS100 METHOD STATEMENT continued

OPTIONAL PA WINGS

- The DS100 is designed with the option of self-contained PA wings, which can be installed as part of the stage structure. The equipment is carried on board the trailer ready for use.
- PA deck framework is attached to tabs on stage decking, and supported by legs going to load bearing pads.
- PA decks are positioned and secured onto framework.
- Position and secure upper PA framework and attach to tabs on stage roof trussing (working internally from the PA deck).
- Fabric roof attached to PA wing.
- Build back and outside wall only of PA wing using proprietary plastic walling system, leaving gap at top for wind spill.
- If specified fit special graphic/plain scrim to front of PA wing.
- Erection of the left and right PA wings follow the same pattern.
- The PA wings are now ready for the installation of the PA by trained professionals.