

DAYTONA

STAGE HIRE

DS60 METHOD STATEMENT

PRE-EVENT

- The Daytona DS60 mobile stage is designed for both indoor and outdoor events, it has a clear 10m frontage (14m with PA Decks) and a depth of 6m with an internal height of 3.5m. The stage exceeds all current requirements for loadings and stability.
- It is a trailer stage designed to be erected quickly in around two hours (dependent on site geometry) by one or two of Daytona's own trained crew which makes it ideal for events/venues where set up times are short.
- In developing the DS60, Daytona have designed out the need to manually lift equipment by using hydraulics wherever possible.
- The stage is self-contained on one vehicle, which can also carry optional extras of marquees and Front-of-House. Pit Barriers can be delivered on a support vehicle.
- 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 structure can be correctly 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 1400mm above ground surface.
- Lower landing legs of the trailer onto load bearing pads and detach tractor unit.
- Position load-bearing pads under main support legs, then hydraulically lower the four legs onto the load-bearing pads to support the stage, each being individually controlled to ensure the stage can be trimmed to level (or as near as possible on extreme slopes).
- Loosen roof transit connectors on trailer.
- Using hydraulics, open stage roof flap to 45° position.
- Open out and secure the truss that forms the front roof extension. Fold over the flap on the roof and secure. Attach any branding to this section if required.



DS60 METHOD STATEMENT continued

ERECTION continued

- Using hydraulics, open stage roof to level (90°).
- Remove load-bearing pads and deck leg bracing bars from under-deck storage.
- Using hydraulics, lower the stage deck stopping just before trim height.
- Connect bracing bars to front deck legs and trailer.
- Place load-bearing pads under deck landing legs and align, lower deck to trim height and adjust screw jacks on legs to support the deck securely.
- Lower backstage access steps at each end of trailer and adjust feet to suit ground.
- Using hydraulics, lower roof back down to approx 45° and attach upper sections of front corner truss legs, then raise roof back to 95° to prevent rainwater collecting.
- Remove large locating pins and 'R' clips on the central upright box sections and using hydraulics raise the whole roof structure by 1.2m.
- Position and secure lower sections of front corner truss legs.
- Using hydraulics, lower whole roof structure by 0.1m to locate front corner truss legs onto deck fixings and secure. Replace large locating pins and 'R' clips in the central upright box sections.
- Open wind-spill vent at top of rear wall and 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 and secure.
- The stage is then ready for the construction of the PA wings if required and the installation of lights and internal dressing.