HORNCASTLE ARENA

TECHNICAL DATA

As of November 2014

Usable Floor Area	Arena 4,000sq m (43,055ft). Concourse 1,725sq m (18,567.7sq ft). BOH 655 sq m (7,050.4 sq ft).
Capacity	8888 maximum usable seats. Variable Capacities.
Dimensions	Arena 58.7m x 78.5m Clear Floor. Concourse variable 4.4m ~3.5m
Floor Loadings	**Arena Back of House** Forklift Load Capacity 3 tonne/dual tyred 5 tonne 30kPA (630lbs/in) UDL. Maximum axle load 120Kn (11.8 tonnes). **Concourse** 5kPA (105lbs/in).
Surfaces	Poured Paddle Floated finish, and sealed hardened concrete. Arena and BOH entrance into arena 175cm (7in) thick. Back of House Concourse 5 inch thick (125cm).
Air Conditioning	Full automatic programmed to Arena & BOH.
Access/Doors	Grade Level. One main entrance, 7 exits door sets. Two passenger lifts to Crossaisle & Corporate Levels. Arena access from Compound through BOH. Vehicle Door Dimensions 4.5m high x 8m wide (14ft 10inch high x 26ft 4 inch wide). *2.5 tonne Forklift Available.
Disabled Access	37 sealed Disabled Car Parks adjacent to the front entrance of the venue. Venue is ground level with no steps. Passenger Lifts x 2 900kg Max to Accessible areas.
Clearances	Clearance to the Arena roof trusses varies from 14m (45.9ft) at the perimeters of the Arena Floor to 22m (72.1ft) at the middle. BOH 8m (26.2ft) Concourse variable 4.4m ~3.5m
Projections	3 sided Catwalk – 14m. Centre hung Scoreboard.
House Lighting	Dimmable zoned 100/500 watt halogen flood lights – or high bay metal halide work light 400/280 watt. Metal Halide Sports Fittings (1500 watt) for telecasts (700 lux vertical and 1500 lux horizontal) are provided. *The Arena is equipped with two medium throw and two long throw 1200 watt Lycian Followspots. Additional production fittings available to suit requirements. 60 Channels of 2.5kw Dimmers.

	DMX 512 Control, House Lighting control and Production Intercoms facility is standard.
House Sound	The Arena incorporates a quality sound system integrated to the Arena's acoustics and geometry, providing for reinforced speech and background music. The acoustic structure is designed to minimize sound break-out. Basic House Sound consists of Community Distributed boxes at Catwalk level and underbox fill, controlled by 12 or 24 channel Mixing Desks. A full concourse and Backstage paging network. Further information can be found in the Venue service Guide. *Additional audio equipment available.
Power Availability	**Production Power Switchboards** (one right, one left) each 1 x 1000A, 400V, 50 Hz, 3ph supply. Supplying 5 LEGS 1 X 800A, 400V, 50Hz, 3ph outgoing Combination fuse switch. 1 x 400A, 400V, 50Hz, 3ph outgoing Combination fuse switch. 1 x 200A, 400V, 50Hz, 3ph outgoing Combination fuse switch. 1 x 63A, 400V, 50Hz, 3ph outgoing Combination fuse switch. 1 x 50A, 400V, 50Hz, 3ph outgoing Combination fuse switch. **Audio Power** is interrupted during emergency for P.A. muting. Technical Earth for P.A. **Floor Outlet Ports (each)** 1 x 32A, 400V, 50Hz, 3ph outgoing switched socket outlet. 2 x 10A, 240V, 50Hz, 1ph outgoing switched socket outlet (RCD protected). **Roof & Catwalks** Production Power Switchboard 4 x 200A, 400V, 50Hz, 3ph supply Each supplying 1 x 63A, 400V, 50Hz, 3ph outgoing switched socket outlet. 1 x 24 pole, 3ph chassis complete with 12 x 20A, 1ph circuit breakers. 1 x 20A & 1 x 30A 3ph circuit breakers. Distributed single phase outlets. **Vomitory Entries** 4 x Event Power Switchboards, each providing 1 x 350A, 400V, 50Hz, 3ph supply Supplying:- 8 x 63A, 400V, 50Hz, 3ph outgoing switched socket outlet. 4 x 250A, 400V, 50Hz, 3ph outgoing combination fuse switch. 8 x 100A, 400V, 50Hz, 3ph outgoing fuse bases and power to the floor outlets. 1 x 32A, 400V, 50Hz, 3ph outgoing switched socket outlet. 2 x 10A, 240V, 50Hz, 1ph outgoing switched socket outlet (RCD protected).
Phone Connections	Available on request.
Data Capable	A service trench runs around the Arena for cableway. Cat 5 phone/data lines, XLR Audio, Co-axial Video & Ceep multipin waylines are reticulated throughout the venue.
Staging	Sico Roll'n'Set – Maximum Size 12.2m x 19.5m = 237.9m (40ft x 64ft = 2560ft). In decks of 2.4m x 1.2m (7ft 11 in x 3ft 11 in). Adjustable height 1.22m to 1.83m (48" to 72").

Fire Protection	Facility is fitted with automatic smoke detection and sprinkler systems. Manual callpoints for Fire Alarm.
Toilets	Mens/Womens Facilities available at each Gate.
Standard Equipment	*Staging, Drapery, Mothergrid, Scoreboard, Technical Support, Furniture, Movable/Loose Seating & Sporting Equipment are inclusions indicated by contract as the "House Charge".
Performance Stage	Sico Roll'n'Set - Maximum Size 12.2m x 19.5m = 237.9m^2 (40ft x 64ft = 2,560ft^2). In decks of 2.4m x 1.2m (7ft 11in x 3ft 11in) Adjustable height 1.22 m to 1.83m (48" to 72").
Scoreboard	A four sided Computronics full LED matrix, sports scoring & animated graphics board which is demountable. FIBA approved Basketball shotclocks. Basic operation requires an operator and a director with hourly rates as set from time to time.
Backstops/Rings	FIBA approved Schelde sprung backstops. FINA approved Netball Rings, underfloor mounted.
Sports Floors	American maple demountable Horner sprung floor 36.9m x 21.3m (121ft x 70ft) International Standard with runoff. Basketball and Netball markings. Acclaim Roll Out Tennis Surface 38.5m x 19.9m (126.3ft x 65.3ft) – Total Area 766.1 sq m.
Dasher Boards	Crystaplex 950 series 1.4m high boards (4ft 8"). Olympic size 60m x 30m (197ft x 98ft) enclosure.
Crowd Control Barriers	46.55 linear metres (19 units) of Crowd Control Barrier in 2.45m sections (1.5m (5ft) high).
Pack-In/Pack-Out Equipment	Emergency Backup Generator connection points (for essential services). An Electric 2.5 tonne forklift and other access equipment can be made available for hire. General purpose trolleys, pallet lifters.
Equipment Available	*A large range of additional Staging, Technical and House equipment can be made available at book rates.
Staffing	Staffing requirements suited to event types are included in hirage contracts.
Banner Placement	The venue has a number of banner and signboard areas, which may be rented or scheduled for advertising and promotional purposes in addition to the permanent signage. The measurements for these areas should be site-checked by the client.

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Seating Capacities	The Centre has a seating capacity of up to 8888, consisting of fixed, telescopic and loose floor chairs. Provision is made over three levels for the following types of theatre seating: **Fixed** **2457** Inclusive of Club 371 House 40 **Retractables** **4468** Inclusive of Aisle 332 Standard 70 Wheelchairs 26 **Loose floor** **1735** Inclusive of FOH Operating Position 52 **Corporate Suites** **240** House 12 **Total** **8900** (Egress Consent Limits number to 8888)
Restrictions	Nails, pins and adhesives that would damage surfaces. Inflammable draperies. Combustible chemicals or gas. Permit to be obtained for Pyrotechnic applications. No Food or Alcohol is to brought into the venue. Non smoking venue.
Special Features	High level rigging steel. Followspot platform and crossover catwalks. 18 Corporate suites.
Dressing Rooms	**Star Dressing Rooms 1 – 4** All four Dressing Rooms located on ground level, back of house, stage right. Dressing area 2.7m x 3.7m = 10m (8ft 11in x 12ft 4in = 108ft) Toilet Area 2.7m x 1.8m = 4.86m (8ft 11in x 5ft 11in 52.5ft) **Changing Rooms** The six team changing rooms are located on the ground floor back of house, stage right. There are folding walls between rooms 1 & 2, 3 & 4, 5 & 6. Dressing area (incl 15 lockers/seats). 4.5m x 6m = 27m (14ft 10in x 19ft 8in = 291.6ft) Toilet/Shower Area. 4.5m x 4.5m = 20.25m (14ft 10in x 1ft 10in = 219ft). (2 toilet stalls and 3 shower heads, including one each for disabled persons).

Note: * denotes additional equipment, available at book rates