



The Core at Corby Cube

Technical Specification

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Venue Address: The Core at Corby Cube
Parkland Gateway
George Street
Corby
Northants
NN17 1QG

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(NB. Email is always the preferred method of contact and will yield a quicker response than answer phone messages)

STAGE

Stage Floor: Maple laminate over floating timber construction, finished with a 6mm hardboard sacrificial layer painted black. No Rake.

Stage Covering: 3mm black Harlequin Studio dance floor.

Stage Walls: Lined in finished but unpainted vertical timber slats with a black fabric background.

The stage covering remains down and will only be removed with the prior permission from the Technical Manager. The stage floor and walls are not to be fixed into without the prior permission of the Technical Manager. Any changes made to the stage will be made good at the end of any run at cost to the visiting company.

Entrances to stage are from DSL (closest to dressing rooms), DSR, USL and USR. There is a crossover corridor at stage level which directly connects USL, USR entrances as well as around to DSR.

Stage dimensions:

<u>Widths:</u>	Proscenium opening with tormentors fully retracted	12.77m
	Proscenium opening with tormentors fully extended	9.60m
	Stage right wall to stage left wall	15.62m
	Fly floor to LX floor	13.44m
	Centre line to stage right wall	8.20m
	Centre line to stage left wall	7.44m
<u>Heights:</u>	Stage height relative to front row when all stalls in use	0.865m
	To Header	8.275m
	To Grid	14.45m
	To underside of Fly and LX Floors	5.58m
	To underside of cross stage Bridge Walkways	11.48m
<u>Depth:</u>	Front of Stage to Back Wall	10.15m

Playing Space: Approx 9.40m wide by 9.00m deep with black box masking.

Orchestra Pit: 10.90m wide by 4.52m length by 1.25m deep.

The pit requires time to fit out; if required please ensure the Technical Manager is informed at the earliest opportunity. Drum carpet must be provided by the company to protect to pit floor when a drum kit is in use in the pit.

Please note: Access to the pit is via the auditorium only.

Additional forestage (reduced seating alternative format): 10.90m wide by 4.52m length at stage level. Please note this is not additional playing space in normal formats.

Cabaret Stage (reduced seating alternative format): 10.90m wide by 4.52m length by 0.35m tall.

Risers: We have 4x 1.8m x 1m risers available – Various size legs in stock. We do not stock skirts.

Stage braces and stage weights are available

Masking:

The permanent masking system comprises:

- Two sliding tormentors
- A rigid flown header
- Motorised traverse house curtains with pelmet in red - operates down stage left or right

Soft masking items include (please note that much of this forms the fixed rig):

- 6 x black wool serge legs 6.5m x 2.5m
- 4 x black wool serge legs 7m x 3m
- 5 x black wool serge headers 14m x 1m
- 2 x black wool serge headers 14m x 2m
- 1 x black wool serge headers 14m x 3m
- 4 x black wool serge tabs 6.5m x 6.5m
- US-DS masking from static bars is also in place as part fixed rig

FLYING

21 x Powered flying sets to SR. These have 13m long ladder bars and a further 0.5m long extension piece housed in each end. SWL 350kg, Max Point Load 150kg.

4 x manually operated pile wind winches (one located under each of the cross-stage bridge walkways) for border/ light-duty use. These have a 14m long single barrel bar. SWL 200kg, Max Point Load 50kg

There is a fixed rig in operation at the Core. Any changes made to the rig will be made good at the end of any run at cost to the visiting company. Subject to contract and prior agreement.

Plan Measurements: Measurements are taken from the rear of the tormentors as the setting line.

Winch No.	Depth	Travel Height	Control	Fixed Rig
Hoist 1	195mm	Max: 14m Min: 1m	Artisan Powered Flying	House Tabs
Hoist 2	445mm	Max: 14m Min: 1m	Artisan Powered Flying	Border
Hoist 3	695mm	Max: 14m Min: 1m	Artisan Powered Flying	LX1
Hoist 4	945mm	Max: 14m Min: 1m	Artisan Powered Flying	Border
Winch 1	1696mm	Max: 11m Min: 1m	Hand Winch (Fly Floor)	Legs
Hoist 5	2006mm	Max: 11m Min: 1m	Artisan Powered Flying	Border
Hoist 6	2426mm	Max: 14m Min: 1m	Artisan Powered Flying	LX 2
Hoist 7	2926mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 8	3176mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 9	3426mm	Max: 14m Min: 1m	Artisan Powered Flying	Border
Winch 2	4095mm	Max: 11m Min: 1m	Hand Winch (Fly Floor)	Legs
Hoist 10	4500mm	Max: 11m Min: 1m	Artisan Powered Flying	LX 3
Hoist 11	4895mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 12	5420mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 13	5670mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 14	5920mm	Max: 14m Min: 1m	Artisan Powered Flying	Border
Winch 3	6589mm	Max: 11m Min: 1m	Hand Winch (Fly Floor)	Legs
Hoist 15	6984mm	Max: 11m Min: 1m	Artisan Powered Flying	LX 4
Hoist 16	7404mm	Max: 14m Min: 1m	Artisan Powered Flying	
Hoist 17	7904mm	Max: 14m Min: 1m	Artisan Powered Flying	Border
Hoist 18	8154mm	Max: 14m Min: 1m	Artisan Powered Flying	Legs
Hoist 19	8404mm	Max: 14m Min: 1m	Artisan Powered Flying	Full Black
Winch 4	9079mm	Max: 11m Min: 1m	Hand Winch (Fly Floor)	LX 5
Hoist 20	9479mm	Max: 11m Min: 1m	Artisan Powered Flying	
Hoist 21	9899mm	Max: 14m Min: 1m	Artisan Powered Flying	Cyc

LIGHTING

There is a fixed FOH LX rig in operation at the Core (LX plan and further details available upon request). Any changes made must be by prior agreement with the Technical Manager and will be made good at the end of any run at cost to the visiting company. Subject to contract.

Fixed LX positions:

Proscenium booms mounted US of proc from stage level to 5.5m
Proscenium booms in Gallery boxes, DS of proc from 6.75m to 8m
Gallery Rail (curved) at 6.1m high, 11.5m linear at stage level from setting line to centre
FOH Bridge 1 at 11m high, 5.2m linear at stage level from setting line
FOH Bridge 2 at 11m high, 12.9m linear at stage level from setting line
Tech gallery Slips at 11m high

Tank traps and booms available upon request.

Lighting Control/Dimming:

ETC Congo plus wireless rigger's remote
ETC Sensor+ Dimming. Outlets throughout the venue
DMX patch to various points around the venue

264 dimmers:

244 x 2kw (15A / Socopex outlets)
20 x 5kw (32A and dual 15A outlets)
19 x Non dim channels (15A outlets)

Various lengths of 15a TRS cable
Various lengths of Soca cable plus spiders and stage boxes
Various lengths of 5pin XLR

Lantern stock (incl. those for the fixed rig):	Wattage
10 x Source 4 fixed lens profiles 10°	750
12 x Source 4 fixed lens profiles 19°	750
20 x Source 4 zoom lens profiles 15° - 30°	750
20 x Source 4 zoom lens profiles 25° - 50°	750
10 x Selecon Arena 2Kw Fresnels	2000
28 x Selecon Rama 1.2 Kw Fresnel	1200
8 x Selecon Rama 1.2 Kw PC	1200
10 x Source 4 variable beam parnels	750
20 x PAR 64 parcans CP62 lamp	1000
10 x Selecon Hui Single Cell Flood	500
8 x Selecon Hui 4way 500W Flood	500
10 x ELV M16 birdies	75
8 x RGB LED Par Cans	

All Fresnels and PCs have barndoors. Iris' and B-size gobo holders available

Follow spots (situated aud. L + R on Bridge 2):

2 x Robert Juliat Ginger

2000

Houselights:

DMX controlled

Zoned for independent control of each level

Effects:

1 x Look Solutions Viper NT DMX-controlled smoke machine (recharge applicable)

1 x Look Solutions Unique 2 DMX-controlled haze machine (recharge applicable)

1x mirror ball

SOUND – please refer to PA spec and Prices for further details

Sound control

Soundcraft Vi3000 48 input 16 output mixing Console

Standard FOH + Monitor System (suitable for speech and playback) - Included in standard contract

4 x d&b D12 amps with integral DSP
6 x d&b Q7 installed 2-way full-range bass-reflex loudspeakers
2 x d&b Q-SUB installed sub-bass bass-reflex subwoofer loudspeakers
1 x d&b D6 amp with integral DSP
2 x d&b MAX12 portable general-purpose stage monitor loudspeakers

Full FOH + Monitor system (Suitable for live music and shows) - Contact Technical Manager for package options and costs

6 x L'acoustics ARCSii mid/high (3 per side)
4x L'acoustics SB28 Subs (2 per side)
2 x L'acoustics 12xt fills
1 x Centre Cluster – 3x L'acoustics ARCS Wifo and SB118
Soundcraft Vi1 48 input mixing console
12 x Adlib Audio MP4 Wedges over 6 mixes

Analogue audio equipment – available as substitutes etc for above by prior agreement with the Technical Manager

Midas Verona analogue mixing console – LR & M plus 4matrix, 40 mono + 8 mono/stereo Input, 8 Group, 8 Auxiliaries.
2 x Yamaha SPX 2000 Digital effects processor
1x Denon DNV100 DVD video/CD audio player
1x Tascam CD01U CD player
1x Tascam CDR-900 CD recorder
1x DBX 31band Graphic EQ DBX2231
1x DBX Dual Compressor Limiter DBX166XL

Mics and Di's are available – Please refer to the Core PA specs and prices for list and options

Touring Sound info

The FOH sound position is in the circle level within the auditorium
The multi run from FOH to Mid Stage Right is approximately 40 metres
1 x 32A TPNE power supply stage right.
2x 32A Single Phase DSL or
1x 63A Single Phase DSL

COMMUNICATIONS & CUEING

RTS 2-channel wired comms; with points available throughout all levels of the venue
8 x RTS BP-325 dual-channel belt packs
8 x RTS PH series single-muff headsets with integral mic

1 x high-res colour video camera (Show Relay)
1 x infra red video camera (Show Relay)

Stage Manager's desk with clock, stopwatch, worklights and cue lights system with 20 cue light outstations plus paging to all backstage areas and dressing rooms and VDUs for both camera feeds.

All dressing rooms and backstage areas have audio show relay.

Control room and fly floor have video show relay.

HARD OF HEARING / AUDIO DESCRIPTIVE

A loop system is in use (subject to compatibility with instrument electronic pickups) fed from show relay.

A Sennheiser IR radiator system is also in place. This is fed from show relay but can also be used for an audio descriptive feed; please contact the Technical Manager in advance to discuss.

VIDEO / PROJECTION

1 x Sony RDR-HXD910 DVD/HDD video recorder
1x Christie Lx400 projector (4000 lumen)
1x Cinema Projector
Doremi media server
1x 10ftx7.5ft Fast fold screen

There is a charge for the use of the projectors, cinema screen and fast fold screen. Please contact the Technical Manager for further details / to book.

TEMPORARY POWER

Scene Dock	125A TPNE 63A TPNE 32A TPNE 3x 16A SP
DSL Stage Level	1 x 63A SP or 2x 32A SP
USL Stage Level	63A TPNE 32A TPNE
USR Stage Level	63A TPNE 32A TPNE
USL Fly Floor Level	63A TPNE 32A TPNE
USR Fly Floor Level	63A TPNE 32A TPNE
Over stage Bridges	125A TPNE 63A TPNE
FOH Bridges (SR)	125A TPNE 63A TPNE 32A TPNE 3x 16A SP

All supplies are via BS4343 Cee-form (Commando) sockets and have 30mA RCD protection devices – these are not adjustable.

STAFFING

Please refer to your contract for details of the included technical staffing. The usual provision is two technicians. Staff and hours additional to those included in the contract are chargeable and subject to availability.

DRESSING ROOMS & BOH FACILITIES

Dressing rooms:

Level B2 (Stage level)

Dressing Room 1 Seats 8

Dressing Room 2 Seats 6

Both dressing rooms have their own shower room and toilet.

Both dressing rooms are wheelchair accessible and have provision of an accessible toilet and shower on this level.

There are additional male and female toilets on this level and two additional shower rooms.

Wi-Fi is available BOH and within the auditorium.

Additional spaces may be available to use as dressing rooms / BOH spaces at a charge subject to availability. Please contact Lucinda.hill@thecorecorby.com should you wish to discuss.

Greenroom & Laundry:

Level B1

The greenroom has washing and drying facilities. Iron and ironing board are available. Please contact the venue with regards to charges for use of these facilities.

The greenroom also has microwave, sink, fridge and basic other kitchen facilities.

There are additional male and female toilets on this level.

ACCESS AND LOAD-IN

Load-in:

Load in is via The Undercroft which can be accessed via the ramp down from Parkland Gateway carpark. There is a dedicated theatre bay outside the load-in door which must be used and is for vehicles requiring loading and unloading only. There is a dock leveller to bridge across to lorry trailers / vans etc. The load-in door has a height of 3780 and a width of 2670. The Scene dock door to stage has a height of 4640 and a width of 2790. Flat Floor access to Stage.

Access is only via prior arrangement with the venue. Equipment is not permitted through the ground floor entrances or in the public lifts. Further information will be sent out to companies post-contract.

Parking:

There is a council pay and display carpark immediately outside the Cube (Parkland Gateway carpark) and another (Victoria Place carpark) in very close proximity. Both are surface carparks.

A limited number of permits may be available on the day for Parkland Gateway carpark, please contact the Technical Manager to discuss.