



The Core at Corby Cube

Technical Specification

Updated: April 2016

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

Contact: Jack Favell – Chief Technician
Tel: 01536 470475
Email: jack.favell@thecorecorby.com

STAGE

Stage Covering: 3mm black Harlequin Studio dance floor.

Stage Floor: Maple laminate over floating timber construction, finished with a 6mm hardboard sacrificial layer painted black.

Stage Walls: Lined in 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.

Risers – We have 4x 1.8m x 1m risers available – Various size legs in stock

STAGE DIMENSIONS

Width:	Proscenium opening with panels fully retracted	12.77m
	Proscenium opening with panels 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
Height:	Stage height when fully seated	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
Depth:	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.

Please note: access to the pit is via the auditorium only

Forestage: 10.90m wide by 4.52m length at stage level.

Cabaret Stage: 10.90m wide by 4.52m length by 0.35m tall.

MASKING

The permanent masking system comprises:

- Two sliding tormentors
- A rigid flown header
- Motorised house curtains with pelmet - operates down stage right only

Soft masking items include:

- 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

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.

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	LX 5
Winch 4	9079mm	Max: 11m Min: 1m	Hand Winch (Fly Floor)	Full Black
Hoist 20	9479mm	Max: 11m Min: 1m	Artisan Powered Flying	
Hoist 21	9899mm	Max: 14m Min: 1m	Artisan Powered Flying	Cyc

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.

Laundry

Level B2

The Laundry room has washing, drying and ironing facilities. Please contact the Chief Technician with regards to charges for use of these facilities.

LIGHTING

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.

Lighting Control/Dimming

ETC Congo plus wireless rigger's remote.

ETC Sensor+ Dimming

DMX patch to various points around building.

264 dimmers:

244 x 2kw

20 x 5kw

19 x Non dim channels

Lantern stock

	Wattage
10 x Source 4 fixed lens profiles 10°	750
10 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 panels	750
20 x PAR 64 parcans CP62 lamp	1000
10 x Selecon Hui Single Cell Flood	500
8 x Selecon Lui 4way 1000W Flood	1000
10 x ELV M16 birdies	75
8 x RGB LED Par Cans	

Follow spots

2 x Robert Juliat Ginger

2000

Effects

1 x Look Solutions Viper NT DMX-controlled smoke machine

1 x Look Solutions Unique 2 DMX-controlled haze machine

Various lengths of 15a TRS cable

Various lengths of 5pin XLR

Various lengths of Soca cable c/w spiders and stage boxes

SOUND

Sound control

Soundcraft Vi300 48 input 16 output mixing Console

Soundcraft Vi1 48 input mixing console

Midas Verona analogue mixing console – LR & M plus 4matrix, 40 mono + 8 mono/stereo Input, 8 Group, 8 Auxiliaries.

Standard FOH System (suitable for speech and playback) included in 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

Full FOH system (Suitable for live music and shows) - Speak to Chief Technician for 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

Monitoring:

12 x Adlib Audio MP4 Wedges over 6 mixes

4 x d&b MAX12 portable general-purpose stage monitor loudspeakers

Analogue FOH Rack

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

10 x Shure SM 58

10 x Shure SM57

4 x Shure Beta 58

4 x Shure Beta 57

1 x Shure Beta 52

1 x Shure Beta 91

1 x Beyerdynamic M88

8 x Sennheiser e604

2 x Sennheiser e606
1 x Sennheiser e602
4x Sennheiser e912
6x AKG C451
2 x AKG 414
6 x BSS AR113 DI Box
2x Klark Teknik DI box
2 x Radial Pro DI Box
25 x Tall Boom Stand
12 x Short Boom Stand

Touring Sound

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
8 x RTS BP-325 dual-channel belt packs
10 x RTS PH series single-muff headsets with integral mic

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.

All dressing rooms and backstage areas have audio show relay.

VIDEO

1 x high-res colour video camera (Show Relay)
1 x infra red video camera (Show Relay)
1 x Sony RDR-HXD910 DVD/HDD video recorder
1x Christie Lx400 projector (4000 lumen)
1x 10ftx7.5ft Fast fold screen

There is a charge for the use of the projector and fast fold screen. Please contact the Chief Technician for further details and to arrange this resource.

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

There are 2 full-time members of the technical team, augmented by casual staff as required by performance and contract. Hours of work are flexible, subject to contract.

LOAD IN

Load in is via The Undercroft which can be accessed via the ramp in the swimming pool car park. There is a dedicated theatre bay outside the load in door which is for loading and unloading only. Load in door has a height of 3780 and a width of 2670. Scene dock door to stage has a height of 4640 and a width of 2790. Flat Floor to Stage.

PARKING

The Corby Cube has a Pay & Display car park
Permits may be available on the day, please contact Chief Technician to discuss