

## **JAMSHED BHABHA THEATRE (Updated as on July 2, 2018)**

### **General**

Proscenium theatre equipped with modern stagecraft, excellent acoustics and sight-line suitable for productions of opera, ballet, musical and large-scale corporate shows.

### **Seating Capacity**

Total capacity	1109 seats
Capacity reduced in the following cases	
Use of orchestra pit	by 91 seats
Use of in-house sound mixer/monitor	by 15 seats (variable)

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### **Auditorium Fixtures & Fittings**

Seat colour	Blue
Carpet colour	Maroon
House Chandelier	Crystal, Circular over row 'J'
Entry/ Exit doors	8 with Panic-bar; marked 1E to 3E, 1W to 3W and 1S to 2S
Handicap seats	Row 'A' (at level 0 accessible from the lower foyer) Row 'Q' (at level 1 accessible by elevator at the foyer)

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### **Stage**

Stage entry From East & West Foyer	2 Nos. (Stage Right & Left)
Floor	Hardwood timber flooring on MS framing (No traps, No revolve)
Size (Behind house-curtain)	23.7 m (w) x 14.2 m (d)
Space in front of house-curtain	+ 1 m (d)

Wing space	(Variable)
• (Stage-left, concrete flooring)	4m (w) x 16m (d) clear height 3.85 m (min.)
• (Stage-right, concrete flooring)	3m (w) x 16m (d) clear height 5.6 m (min.)
Cross-over Space (Up stage) (Concrete flooring)	0.85 m (d) x 23.7 m (w)
Stage-to-grid height	21 m
Architectural Proscenium Opening.	16.7 m (w) x 9.3 m (h)
Stage Edge-to-Auditorium rear wall (Row X)	30 m
Mobile Towers on Stage	10 (5 each on stage-left & right): acts as wings, 2.4m (w) x 9.3m (h) (black) and lighting-towers for drama/ dance: or as side-wall sound reflectors for Orchestra Shell (natural wood finish):  5 towers can be lined-up upstage, if not required; it cannot be moved out of Stage.

### **Orchestra Pit**

Forestage Orchestra Elevator	19 m (w) x 4 m (d) : travel -2.9 m (below stage), 0.0m (auditorium level) to + 1 m (stage level); locking at 400 mm increments (9)
Capacity	60 musicians
Below stage Pit, fixed portion	15.4 m (w) x 4.2 m (d) x 3.1 m (h)

### **Orchestra Shell**

An Orchestra Shell (timber) suitable for 90 musicians can be erected on stage with prior notice; requires two working shifts for erection and one shift for dismantling

## **Dimensions**

Max. height	:	7.9 m (Down stage)
Max. width	:	16.7 m (Down stage)
Min. height	:	6.6 m (Up stage)
Min. width	:	12.4 m (Up stage)
Depth	:	15.7 m

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## **Truck Dock Ramp**

Located at stage-left	Entry through NCPA Marg directly accessing the stage
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Door opening	3.4m (w) x 2.8m (h)
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## **House Curtain**

- Colour Maroon velour
- Operation Counter-weight manual fly

Note:- Curtain operator will be provided

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## **Rigging System (On Stage)**

### **Sceneries (SC)**

- Fly Line sets 29 (Double-barrel 48mm Tubular battens)
- Operation Manual counter-weight (Stage-right)
- Fly gallery at 8.5m height
- Tech. Gallery at 14.7m height
- Position of first fly set (SC bar) from the edge of the stage 3.35m
- Length 20m (extendable to 23m)
- Maximum fly-height 19.5 m (except batten nos. 27,28 & 29, which is restricted to 14m)
- Spacing between fly sets 220mm
- Maximum loading capacity (SWL) 500 kg.

### **Lighting (LX)**

- Light Bars 6 (Double-barrel 48mm tubular battens)

- Operation Motorized Winch (fixed speed)
  - Position of first LX bar 4.6 m from the edge of the stage
  - Max. fly height 12 m
  - Spacing between adjacent fly set & LX bar 350mm
  - Maximum loading capacity (SWL) 1000 kg.
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### **Off Stage Lighting Position**

FOH Lighting Bridge	Over row 'G', 11.5 m from the edge of stage; at height :12.5m
Rear Wall Lighting bar	Over row 'X', 30m from the edge of stage; at height : 4.8m
Box Boom (Right)	Auditorium right & left
Box Boom (Left)	walls respectively, in Line with row E 9.5m from the edge of stage at height 9.5m

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### **Performance Lighting**

Maximum permissible load	Dimmable - 480 kW(240 sockets of 2kw each) Non dimmable – 100kw (100 sockets of 1kw each)
Lighting Console	ION (ETC make); fixed in Control Room
Power Pack	240 Dimmers of 2 kW each with DMX control. EURORACK-60 (ADB make)
Software	ETC

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### **Luminaries (Lanterns – 750w)**

- ETC Source Four 19° 12
- ETC Source Four 26° 12
- ETC Source Four 15° - 30° 12
- ETC Source Four Par 25° - 45° 24
- ETC Source Four Fresnel 10

Total - 70

Note :- If additional Luminaires are required, the group/ performer may hire the same.

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### Sockets for Luminaries (32A Euro Sockets)

	Dimmable	Non Dimmable	Spare
• Auditorium Rear Wall	6	-	6
• Box Room Right	3	2	4
• Box Room Left	3	2	4
• FOH	24	7	7
• Light Bar LX-1	24	12	3
• Light Bar LX-2	24	12	3
• Light Bar LX-3	24	12	3
• Light Bar LX-4	24	12	3
• Light Bar LX-5	24	12	3
• Light Bar LX-6	24	12	3
• Mobile Towers (.R) 5 Nos.	4 each	2 each	2 each
• Mobile Towers (L) 5 Nos.	4 each	2 each	2 each
• Apron (foot) Light	-	-	14
• Fly Gallery	12	2	34
• Technical Gallery	-	-	32
• Orchestra Pit	-	-	6

#### Local Power Supply Specifications.

- 230 Volt, 50Hz, I-Phase
- 440 Volt, 50Hz, 3-Phase
- Neutral grounded

Power Supply for sound and projection systems – 18kw(30A per phase)

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#### Sound System

No in-house Sound System.

Professional sound system as required are to be hired by the Producers.

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#### Communication

Wired Intercom.

#### Dressing Rooms (Backstage)

Ground Floor, Solo Rooms	3 (9 sq.m. each)
First Floor, Solo Rooms	4 (9 sq.m. each)
Second Floor, Group Rooms	2 (18.5 sq.m. each) (7 persons each)
Third Floor, Group Room	1 (46.5 sq.m. each) (18 persons)

Note :- Each room is furnished with wardrobe, attached toilet with shower and drinking water facilities; accessible by backstage Elevator & Staircase (East and West)

Space for quick change on Stage right is available. 22 sq.m., height : 3.9m

### **Control Room**

Location Rear of the auditorium behind glass window; partially openable divided into 4 compartments inter-connected through common passage suitable for production control.

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Compartment 1	60 sq.m.
Compartment 2	20 sq.m.
Compartment 3	10 sq.m. (Light Control Cubicle)
Compartment 4	45 sq.m.
Power Supply	18 kW 30 Amps per phase

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### **Crew**

Electrician – 2Nos  
Fly Assistance – 2No

**Note:- No in-house Light board operator is available .**

### **Miscellaneous Spaces**

Foyers at two levels :

- Ground floor (zero level)
  - Area: 930 sq.m.
  - Height: variable, minimum 2.5 mtr
  - Elevator 1 (West Foyer)

Accessory Electric      9 kW (East Foyer) Lighting Supply  
Load 15 Amps per phase 9 kW (West Foyer)  
Lighting Load 15 Amps per phase  
Service Counter      2 (one front Foyer and one in West Foyer)

- First floor (level one)

Area :                      465 sq.m.  
Height :                    variable; minimum 2.5 mtr.

Service Counter              1 (East Foyer)  
Museum Area (first floor)    165 sq.m. height 5.45 m  
(Separate venue)

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### **Rehearsal Rooms (Front-of-House)**

These are separate venues.

West Room 1                      124 sq.m., height 2.88m  
(second floor West wing)      (90 sq.m. adjoining open terrace)

Car Parking    Basement and open spaces (available on first come first served basis)

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#### **Note :-**

- **No warehouse and workshop spaces are available. All Producers are required to bring pre-fabricated props/sets for assembly on stage.**
- **Producers are advised to hire at their cost suitable Diesel Generator (DG) sets, if they require uninterrupted/ backup power supply for the performance lighting and audio system. NCPA will provide suitable change-over switches.**
- **Entry to JBT is through NCPA Gate No.3 from the Dorabji Tata Road (Marine Drive) and exit from NCPA Gate No.4 (NCPA Marg)**