Stage Tech Information

Dimensions of Stage

Main stage 19.0m (w)×22.4m (d)
Rear stage 21.0m (w)×21.0m (d)
Side stage(L/R) 22.0m (w)×25.0m (l)
Stage floor Load: 500kg/㎡ (Static), 100kg/㎡ (Dynamic)

Proscenium Opening

Hard Proscenium 20m (w)×11.5m (h)
False Proscenium Adjustable height: 6.5m (min h), 11.5m (max h) Load: 3t
Adjustable opening: 16m (min w), 20.0m (max w) Load: 1.8t

Fly System: Programmable & Automation

Type	Quantity	Uniformly distributed load	Length	Fly height	Speed
Flying bar A	30 sets (FB)	1000kg	24.5~28.0m	1.2m~27.0m	0~1.20m/s
Flying bar B	30 sets (FB)	750kg	24.5~28.0m	1.2m~27.0m	0~1.20m/s
Lighting bar	10 sets (LB)	800kg	24.5m	1.3m~25.0m	0~0.15m/s
Flying bar C 2 sets (TB1, TB2)	2 sets (TB1, TB2)	750kg	12m	1.2m~20.0m	0~1.50m/s
Flying bar D	2 sets (TB3, TB4)	750kg	15.5m	1.2m~20.0m	0~1.50m/s
Panorama flying bar	2 sets (PFB) on each side	800kg	24.5m	1.2m~27.0m	0~1.20m/s

House Curtain (Fly)

1 set Color: Purple Maximum height: 11.5m Speed: 0~1.0m/s

Scenery Elevator

10m (l)×4.5m (w) Speed: 0.20m/s Load(Average): 10t

Side Lighting Ladder

10 sets (5 on each side) 1.2m (l)×1.1m (w)×13m (h) Load: 1t
Vertical travel: 1.0~13.0m Speed：0.25m/s
Horizontal travel: 18.0m Speed：0.05m/s

Forestage Cage

2 sets Load: 250kg Fly height: 0~12.0m Speed: 0~0.5m/s

Proscenium Fixed Point Hoist

8 sets Load: 500kg Speed: 0~0.5m/s

Stage Wagon

Type	Qty	Size	Travel	Speed	Load
Side stage wagon	4	19.0m (l)×4.5m (w)	50m	0~0.5m/s	100kg/㎡ (Dynamic) 500kg/㎡ (Static)
Side stage compensation lift A	4	14.5m (l)×4.5m (w)	/	/	
Side stage compensation lift B	4	4.5m (l)×4.5m (w)	/	/	
Side stage compensation lift C	4	5.0m (l)×4.5m (w)	/	/	
Stage bridge wagon	1	19.0m (w)×23.2m (d)	19.0m	0~0.65m/s	
Compensation elevator on bridge wagon	2	19.0m (l)×4.5m (w)	0.2m	0.025m/s	
Compensator lift main stage	4	/	1.2m	0~0.05m/s	
Rear stage compensation elevator	1	19.0m (l)×19.0m (w)	1.15m	0.025m/s	
Orchestra pit elevator	1	20.3m (l)×3.5m (w)	6.0m	0~0.10m/s	100kg/㎡ (Dynamic) 250kg/㎡ (Static)
Main stage elevator	1	ø18.0m Area：255 ㎡	0~-5.0m	0.2m/s	100kg/㎡ (Dynamic) 500kg/㎡ (Static)

Revolving Wagon

ø 18.0m Area: 255 ㎡

Load: 250kg/㎡ (Static), 100kg/㎡ (Dynamic)

Including:

Outer revolving ring

Outer diameter: ø18.0m Inner diameter: ø12.0m Area：141 ㎡

Rotating speed: 0.80m/s

Including:

Middle revolving ring

Outer diameter: ø12.0m Inner diameter: ø6.0m Area：85 ㎡

Rotating speed: 0.80m/s

Load: (Dynamic) 100kg/㎡; (Static) 250kg/㎡

Lifting height: 0.3m; Lifting speed: 0.015m/s

Including:

Central turntable:

ø6.0m Area: 28 ㎡

Rotating speed: 0.80m/s

Load: (Dynamic) 100kg/㎡; (Static) 250kg/㎡

Lifting height: 0.3m; Lifting speed: 0.025m/s

Black Curtains (Flame proofed)

Type	Quantity	Color	Material	Size
Legs	5 pairs	Black	Wool felt	13.5m (h)×4.5m (w)
Borders	2 sets	Black	Wool felt	6.5m (h)×28m (w)
Borders	4 sets	Black	Wool felt	3.5m (h)×28m (w)
Black curtain	1 set	Black	Wool felt	13.5m (h)×24m (w)

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