

PFAUEN

TECHNICAL INFORMATION

Stage Dimensions

Gesamtgrundfläche	240 m ²
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Stage Depth

Safety Curtain to Firewall	14.80 m
Safety Curtain to Base Line	2.02 m
Base Line to Last Flybar	11.88 m
Safety Curtain to front edge of orchestra pit	1.40 m

Stage Width

Total Width	14.70 m
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Stage Height

+/- 0 to Grid	16.40 m
Stage Edge	1.10 m
Orchestra Pit	-2.44 m
Below-Stage	-2.44 m

Architectural Portal

Width	8.98 m
Height	5.10 m

Proscenium Towers and Proscenium Bridge

Height	max. 5 m
Width	fixed 8.70 m

Fly Galleries

Fly Gallery 1	6.50 m
Fly Gallery 2	8.96 m
Fly Gallery 3	12.05 m
Clear opening between galleries left / right	11.60m

Side Stage

Width	10.00 m
Depth	15.50 m
Gate Height to Side Stage	5.70 m

Side Stage Gates

Width	6.25 m
Height	6.00 m

Delivery Gate

Width	3.10 m
Height	3.20 m
Ramp Height (adjustable)	0.95 m

SEATING CAPACITY

Stalls	491 Seats
Balcony	170 Seats
Balcony Boxes (left)	25 Seats
Balcony Boxes (right)	18 Seats
Folding Seats	42 Seats
Wheelchair Positions	2 Seats
Total	746 + 2 Seats

STAGE TECHNICAL SYSTEMS

Under Machinery

Transport Platform

Dimensions	10.00 m x 3.00 m
Hub	-8.74 m, +1.65 m, 0 – 0.40 m/s
Loads	Static 500 kg/m ² dynamic 250 kg/m ²
Miscellaneous	Slanted Position max. 12%

Orchestra Platform

Dimensions	8.97 m x 1.34 m
Hub	-2.44 m, +0.00 m. 0 – 0.20 m/s
Loads	static 500 kg/m ² dynamic 250 kg/m ²
Miscellaneous	Slanted Position max. 12%

Backdrop Lift

Dimensions	12.42 m x 1.13 m
Hub	+/- 0.00 m - + 5.36 m
Loads	7 compartments 1000 kg each

Floor Slabs 42 Units

Dimensions	1.00 m x 1.00 m
Loads	500 kg/m ²
Miscellaneous	removable, variable substructure

Upper Machinery

Forestage Flybar 1

Dimensions	9.1 m
Hub	+0.2 m, + 6.35 m, 0.15 m/s
Loads	300 kg
Miscellaneous	fixed lighting installation

Forestage Flybar 2

Dimensions	9.2 m
Hub	+ 0.2 m, (+5.16 m) 5.38 m, 0.15 m/s
Loads	300 kg

Auditorium Lighting Flybar

Dimensions	7.98 m
Hub	0.10 m/s
Loads	250 kg

Safety Curtain

Dimensions	9.30 m x 5.50 m
Hub	0.10 m/s
Loads	250 kg

Main Curtain (Velour/Red)

Hub	0.10 m/s
Miscellaneous	Motor-Driven Horizontal and Vertical

Forestage 1 Flybar (guided)

Dimensions	11.70 m - 15.20 m
Hub	+0.20 m, +11.50 m, 0 - 1.50 m/s
Loads	350 kg
Miscellaneous	Flybar ø 60 mm

Forestage 2 Flybar (guided)

Dimensions	11.70 m - 15.20 m
Hub	+0.20 m, +11.50 m, 0 - 1.50 m/s
Loads	350 kg
Miscellaneous	Flybar ø 60 mm

Acoustic Curtain

Dimensions	11.70 m x 15.00 m
Hub	+0.20 m, +14.80 m, 0 - 1.50 m/s
Loads	1000 kg
Miscellaneous	Ladder truss ø 60 mm

Additional Lighting Bridge Drive (Smartdrive)

Dimensions	+0.20 m, +14.80 m, 0.10 m/s
Loads	100 kg

Proscenium bridge

Hub	+0.20 m, +5.00 m, 0.10 m/s
Loads	2500 kg

Point Hoists 15 units

Hub	+0.20 m, +15.24 m, 0 - 1.50 m/s
Loads	350 kg
Miscellaneous	Freely Positionable

Machine Flybars 46 Units

Dimensions	10.00 m (11.40 m pull out)
Hub	+0.20 m, + 15.05 m, 0 - 1.50 m/s
Loads	350 kg
Miscellaneous	Ladder truss ø 60 mm / Flybar Interval 185 mm

Lighting bridges 3 Units

Hub	1.00 m, +13.00 m, 0 - 0.70 m/s
Loads	900 kg

Panorama Flybar (right / left)

Hub	+0.20 m,+15.24 mm 0 - 1.50 m/s
Loads	350 kg
Miscellaneous	Flybar ø 60 mm

Under Gallery Flybar (right / back/ left)

Loads	250 kg
Miscellaneous	Flybar ø 60 mm

Side Stage Gate (left)

Dimensions	6.25 m x 6.00 m
Hub	±0.00 m, +5.70 m, 0.10 m/s

LIGHTING TECHNICAL SYSTEM

Lighting Control Location	Next to Auditorium Space, upper left
Lighting Control System	MA Lighting grandMA2
Network	MA-Net and sACN with Multiple Nodes

Electrical Circuits

3 kW DIM	(excl. Auditorium and Working Light) 335 Circuits
6 kW DIM	86 Circuits
10 kW DIM	20 Circuits
10 A SWITCHES 1-phase	(Switch-Packs) 198 Circuits
13 A NON-DIM 1-phase	(MA-Modules with contactors) 58 Circuits
16 A NON-DIM 1-phase	(switched via contactors) 33 Circuits
16 A NON-DIM 3-phase	(switched via contactors) 21 Circuits
32 A NON-DIM 3-phase	(switched via contactors) 18 Circuits
63 A NON-DIM 3-phase	(switched via contactors) 6 Circuits
HMI (Arri 2x 1.2kW, 8x 2.5kW +3x 4kW fix)	13 units
HQI (Limax 2kW Fluter)	3 units

Lighting plan with LED, halogen, and HMI devices available.

SOUND TECHNICAL SYSTEM

Sound Control Location	Balcony Box Nr. 6, right
Mixer	STUDER Vista V
Effects	Lexicon PCM96 / TC2000
Players	Ableton Live
Stage Public Address Systems	K&F CA106/ Line 212/ CA 1215/ SW 118

Auditorium Public Address Systems

Proscenium, left & right	d&b Q7
Center	d&b T10
Bass	d&b E15X / B2
Mobile PA Systems	K&F CA1215/ K&F CA106/LA X8/LA X12/d&b Q7
Delay- and Effect PA System	K&F CA106
Microport Devices System	24 Canal (Shure Axient) Various Junction Boxes on Stage and in Auditorium

VIDEO TECHNICAL SYSTEM

Video Control Location	Auditorium Control Room, upper right
Mixer	Panasonic Kairos
Player	AV Stumpfl Wings RX media server
Beamer Balcony center fixed	Panasonic PT-RQ25K with 0.93 – 1.1:1
Beamer Balkon side fixed	Panasonic PT-RZ970
Beamer mobile	Panasonic PT-RZ120BE upon request

PROMPTING SYSTEM

Stage Manager's system Location	Curtain Area, right
Stage Manager's Desk	24 light cues General Call, Selective Call, Paging System, Monitor System Cameras (Infrared / Zoom / Total) Riedel Intercom System

SUBTITELING SYSTEM

Software	Panthea Spectitular
Position	projection on 3 screens (fixed)

BUILDING UTILITIES

Water (warm + cold)	Stage + Below Stage each 1x left/ right
Sewer	Below Stage 1x left / right
Compressed Air Outlet (7 Bar)	Below Stage, Stage, Gallery 1
HVAC System	available in Public Seating Area
Fire Protection	Fire Detection System Safety Curtain (Water Drench System) Water Curtain