

Theater am Goetheplatz/ Großes Haus

Technical Data

Stand 01.2022

Stage dimensions

Stage dimensions

Area:	342,00	m ²
Depth:	16,00	m
Width:	18,00	m
Width between catwalks:	15,00	m

Forestage dimensions

Surface:	77,00	m ²
Depth:	7,50	m
Width:	13,50	m

False proscenium opening

Width:	9,50	m
Height:	variable/max. 6,80	m

Fly tower

Width:	18,00	m
Width between catwalks:	15,00	m
Depth:	18,00	m
Catwalks (4 units):	8,50	m
	12,50	m
	16,00	m
	19,50	m
Flyloft above stagelevel:	22,00	m

Overhead clearance

Wingstage, left (from audience view):	7,85	m
Wingstage, right (from audience view):	7,05	m
Rearstage:	7,95	m

Delivery

Loading bay platform		
Hight:	1,10	m
Loading door:	Width 3,40 x Height 2,30	m



Hoisting machinery

Counterweighted flybars, 25 units _ diameter 0,60cm

Max.Load:	3,00	kN
Lenght of fly bars:	12,00	m
	Extendable to:	14,00 m

Machine flybars, 25 units _ diameter 0,60cm

Max.Load:	5,00	kN
Lenght of fly bars:	12,00	m
	Extendable to:	13,00 m

Flybars in proscenium opening, 3 units _ diameter 0,60cm

Max. Load:	5,00	kN
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Flybars on Forestage, 4 units _ diameter 0,60cm

Max. load: (VB Zug 1-3)	3,00	kN
Max. load: (VB Zug 4)	5,00	kN
VB 3: permanently equipped with sound –line arrey		
VB 4: permanently equipped with lighting		

Panorama flybars (automated), 2 units

Max. load:	5,00	kN
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Panorama flybars (manual), 4 units

Max. load:	3,00	kN
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Point hoists, 10 units

Max. load:	3,00	kN
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Lighting bars, 3 units _ diameter 0,60cm

2x Max. load:	10,00	kN
1x Max. load:	10,00	kN
2x Panorama:	5,00	kN

Flybars on rearstage, 1 unit _ diameter 0,60cm

Max. load:	5,00	kN
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Flybars on wingstage, 3 units _ diameter 0,60cm

Max. load:	5,00	kN
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Acoustic sail, 2 elements

fixed

Length:	13,00	m
Width:	1,75	m

movable

Length:	11,00	m
Width:	1,40	m



Stage machinery

Stage lift, double floor, tiltable, 6 units

Surface:	24,00	m ²
Width:	12,00	m
Depth:	2,00	m
Upper Level:	-2,50	m
Clear opening:	8,00 x 1,90	m
Lift max/min:	+ 2,50 m to	- 1,00 m
Max. static load:	5	kN/ m ²
Max. dynamic load:	3	kN/ m ²
Max. tilt	15	%

Orchestra pit, 2 lifts

Lift 1

Surface:	20,30	m ²
Depth:	1,60	m
Width:	13,00	m

Lift 2

Surface:	31,20	m ²
Depth:	2,40	m
Width:	13,00	m
Max. static load:	5	kN/ m ²
Max. dynamic load:	100	kN
Max. Level- of both lifts:	+/-0m	
	-2,50m	

Revolving stage (integrated in stage wagon)

Surface:	144,00	m ²
Width:	12,00	m
Length:	12,00	m
Diameter (rev.stage):	11,92	m
Surface (rev.stage):	111,00	m ²
Max. static load:	2,5	kN/ m ²
Max. dynamic load:	100	kN



Lighting

Lighting consoles

ETC GIO	2 units
Circuits, dimmable	150 x 5 KW / 180 x 2 KW

2nd front-of-house lighting bridge

2kW Zoom Profile spots with color changer	11 units
2,5kW HMI zoom follow spots	2 units
MAC III	2 units
1kW low voltage luminieres	4 units

1st front-of-house lighting bridge

2kW zoom profile spots	14 units
650W HMI zoom profile spots	2 units
0,5kW low voltage luminieres	6 units

2nd front-of-house side lighting bridge

2kW zoom profile spots	4 units
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1st front-of-house side lighting bridge

1,2kW zoom profile spots	14 units
Martin AURA LED MovingHead	2 units

1st Circle

Solarspot Theater Highend System LED Profiler ML	4 units
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Flybar on Forestage #4

SGM LED MovingHead Profiler	2 units
Martin TW1 2 KW Halo	4 units
HighEnd SolaSpot22 LED MovingHead	4 units

Lighting bridge

2kW PC/fresnel	12 units
0,5kW low voltage follow spots	2 units
0,5kW low voltage luminieres	6 units
1,2kW zoom profile spots	12 units

Lighting tower left/right

0,5kW Niedervolt	9 units
1,2kW zoom profile spots	6 units
5kW fresnel	1 unit
2kW fresnel	2 units
Martin AURA LED MovingHead	2 units

1st stage Gallery

1,2kW zoom profile spots	6 units
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2nd stage Gallery

2kW zoom profile spots	8 units
1kW low voltage luminieres	4 units

1st Backlighting bridge

2,5kW HMI fresnel with Dark Vader	1 unit
Martin MAC Ultra Wash	2 Stück
Martin MAC Ultra Performanc	2 Stück
5kW FR mit MagVader	2 Stück
MAC III	2 units

2nd Backlighting bridge

2,5kW HMI fresnel with Dark Vader	1 unit
Martin MAC Ultra Wash	2 Stück
Martin MAC Ultra Performanc	2 Stück
5kW FR mit MagVader	2 Stück
4kW HMI fresnel with Mag Vader	2 units

Additional (please ask for availability and quantity)

5kW FR
 2,5kW HMI FR (2x mit MagVader)
 PAR 64 CP60
 2kW FR bzw. PC
 1,2kW Profiler
 750W Source 4 Zoom Profiler
 Limax AGO 1,2kW HMI ZoomProfiler

4kW HMI PANI Projektor

div. regelbare LS
 div. Natriumdampf Fluter
 div HQI Fluter
 Eigenbau NV (ähnlich Swoboda Rampe stehend)

Startube 4 LS RGBW Rampen
 DTS FOS 100 RGBW LED Rampen
 Mini Nova (RGBW LED Fluter 140°)

MAC 2000 Wash
 MAC 2000 Performance Profiler
 Martin MAC Viper
 Martin TW1 2kW Halo
 Martin AURA LED MovingHead

Look Unique Hazer 2.1
 Look Viper NT Fog
 JEM Glaciator Bodennebel



Sound system

Mixing Desk

Soundbooth: Digico SD 11i	1 unit
FOH : Digico Quantum 5	1 unit

Multitracker/Recorder/CD

Apple MacMini (2007)	2 units
Blackmagic HyperDeck Pro	2 units

Software

Ableton Live 11 Suite
Cubase 11 Pro

Effects

WAVES SuperRack ,Digico Q5,SD11i

Wireless Mics

Shure ULX-D Digital Radiosystem , Receiver	24 units
Shure ULX-D1 Beltpacks with DPA 4061FM/BM or Sennheiser MKE-1 Microphone	24 units
Shure ULX-D2 Beta58A / KSM9 Handhelds	6 units

Mics:

Condenser Microphones of brands: Fa. Schoeps,Neumann,AKG,Audiotechnica
Dynamic Microphones of Brands Fa. Shure,Beyer,Sennheiser u.a.

Speakers PA

CODA Audio TiRay	24 units
CODA Audio SCV Subwoofer	6 units
CODA Audio D5	7 units
CODA Audio HOPS5	9 units
CODA Audio NAPS 60	14 units
KS CT212 Top (fest) Decke	4 units
KS CT212 Top (fest) Delay 2.Rang	3 units
KS CL 208 Surround	24 units
KS CL 208 (frei)	6 units
KS CPA 08	2 units
KS CPD 08	2 units
KS CPD 1	2 units
KS CPD 12	2 units
CODA Audio CoRay 60	2 units
CODA Audio HOPS8	8 units
CODA Audio Cue2	3 units
CODA Audio Cue4	6 units
Meyer Sound UPJ-1P	4 units
Meyer Sound 700 HP	2 units

Lines

Multicore from stage to soundbooth	40 units
Multicore from orchestra pit to soundbooth	30 units



Video system

Projectors

FOH fix : Panasonic PT-DZ21k (20.000 lm)	1 unit
FOH fix : Sanyo PLC XF 45 (10000 lm)	1 unit
Christie LX 1500 (15000 lm)	1 unit
Rear fix: Panasonic PT-DZ21k (20.000 lm)	1 unit
Mitsubishi XD 8100 U (7000 lm)	1 unit

Presenter

MXWendler FX Server 5 x HDMI WUXGA output	1 unit
TVOne Videomixer / Scaler C8210 8in, 2Out	1 unit
Canon XF 205 camera	2 units
Teradek Bolt 2000 5 GhZ wireless SDI	2 units

Picture resolution 1920 x 1200 dpi

Usable picture and video format:

- Motion.jpg
- Movie/ .mov in compression: h.264
- JPEG.jpg

