

Technical info

LIMBURG zaal – Heerlen



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Logistics

Loading Dock

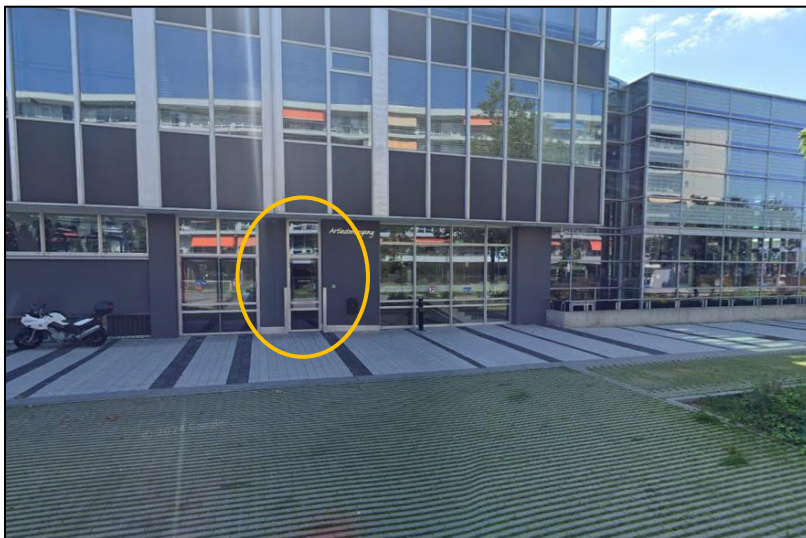
The loading dock is completely covered. One loading dock is equal to the stage floor in the highest position.

Maximum truck dimensions

Length	22,5	meters
Width	2,5	meters
Hight	4,0	meters
Max. weight	40.0	ton



Entrance loading dock
on the corner of:
Homerusstraat/
Muzenlaan Heerlen



Artist entrance:
Muzenlaan
Heerlen

Goods lift

The stage is accessible from the loading dock with one goods lift.

Maximum dimensions of goods

Length	3.0	meters
Width	2.0	meters
Height	2.0	meters
Max. weight	3.5	tons

Door locks

There are door locks for the passage of décor.

Dimensions of the door locks

Width	2.5	meters
Height	2.5	meters

Stage

Front curtain	Only available in "theater setup"		
	Movement	Greek	
	Control	Handcontrolled	
	Colour	Crème	
Tussenfond	In bar 14 at 2.8 meters deep hangs a midnight blue “tussenfond” on rail. This can function as a front curtain in the "pop setup"		
List frame	The frame is covered with black wool.		
	Minimum opening	12 meters	
	Maximum opening	18 meters	
Portalbridge	Minimum height	6.5 meters	
	Maximum height	10 meters	
Hall bridge	Minimum height	7.5 meters	
	Maximum height	9.5 meters	
Stage Floor	This can be adjusted in height independently in 6 parts.		
	Minimum height:	0.0 meters (standard height)	
	Maximum height	1.5 meters	
	Maximum floor load:	750 kg/m2	
	Stairs to the hall from the stage are NOT possible.		
Balletfloor	Available for the entire stage floor in the color black or white. If desired, a springy floor of (12m x 10m) can be laid for dance performances.		
	Width	16 meters black, 15 meters white.	
	Side lanes	2 lanes of 1.5 meters (left and right)	
Stuffing		Height x Width	Colour
	Legs	8 m x 3,5 m	Black (wool)
	Friezen	3 m x 18 m	Black (wool)
	Fond	8 m x 18 m	Black (wool)
	Side black	8 m x 15 m	Black (wool)
	Horizon	8 m x 18 m	White (linnen)
	Gaas	8 m x 18 m	Black or White
Aerial platform	Genie NI9,5	Self driving	
	Maximum platform height	7,7 meters	
	Maximum working height	9,5 meters	

Rigging

Silicon Theatre Scenery

Computer controlled rigging

49 x Décor bar

Maximum load	500 kg
Point load	250 kg
Length	18 m
Maximum height	13.1 m

1 x Side bar left

Reserved for side black curtains

Location	10 m from the middle
Maximum load	500 kg
Pointload	250 kg
Length	11 m
Maximum height	13,1 m

1 x Sidebar right

Reserved for side black curtains

Location	10 m from the middle
Maximum load	500 kg
Pointload	250 kg
Length	11 m
Maximum height	13,1 m

1 x Transport bar portal

Fixed speed	
Maximum load	80 kg

1 x Friezen bar portal

Fixed speed	
Maximum load	250 kg
Length	12 m

2 x Hall bars

Above the front row

Fixed speed	
Maximum load	500 kg
Point load	250 kg
Length	12 m
Maximum height	13 m

6 x Point bars

Freely movable above the hall.

Speed is adjustable.

Maximum load: 235 kg per point bar

6 x Hoists

Limited movability above the stage floor.

Speed is adjustable.

Maximum load: 650 kg per hoist

(CAUTION) 4 hoists in use for PA.

1 x AV winch

For the transport of large mixing consoles to the FOH

Maximale belasting: 500 kg per takel

For any rigging plan, always contact our technical service in advance!

Acoustics

The LIMBURGzaal has a variable electro-acoustic system. The acoustics of the LIMBURGzaal are optimized for amplified performances. Speech intelligibility and acoustic architecture are improved by means of the electro-acoustic system. (SIAP)

Acoustic shell

For musical acoustic performances, Theater Heerlen has a very advanced acoustic shell to improve the acoustics and interplay conditions.

There are three different variations, depending on the wishes and the size of the musical company.

The ceiling of the acoustic shell is equipped with 575 watt halogen lighting (4 per ceiling part) that provide that perfect reading lighting.

Big shell



Dimensions

Front width	15 m
Width rear	12 m
Depth of the shell	12 m
Depth to frontstage	13,5 m

Middle shell



Dimensions

Fronth width	14 m
Width rear	12 m
Depth of the shell	8 m
Depth to frontstage	9,5 m

Small shell



Dimensions

Front width	12 m
Width rear	11 m
Depth of the shell	5,5 m
Depth to frontstage	7 m

Electricity

General

125A CEE-form (5 polig)	4 x total	2 x Stage Left Back (Stage) 2 x stage left rear (side bridge)
32A CEE-form (5 polig)	6 x total	3 x stage on the left divided over the hall 3 x stage on the right divided over hall
16A CEE-form (5 polig)	1 x total	1 x FOH
16A Schuko	Various connections both left and right	

Sound

63A CEE-form (5 polig)	2 x total	1 x Stage Left rear 1 x Stage right rear
16A Schuko	Various connections both left and right	

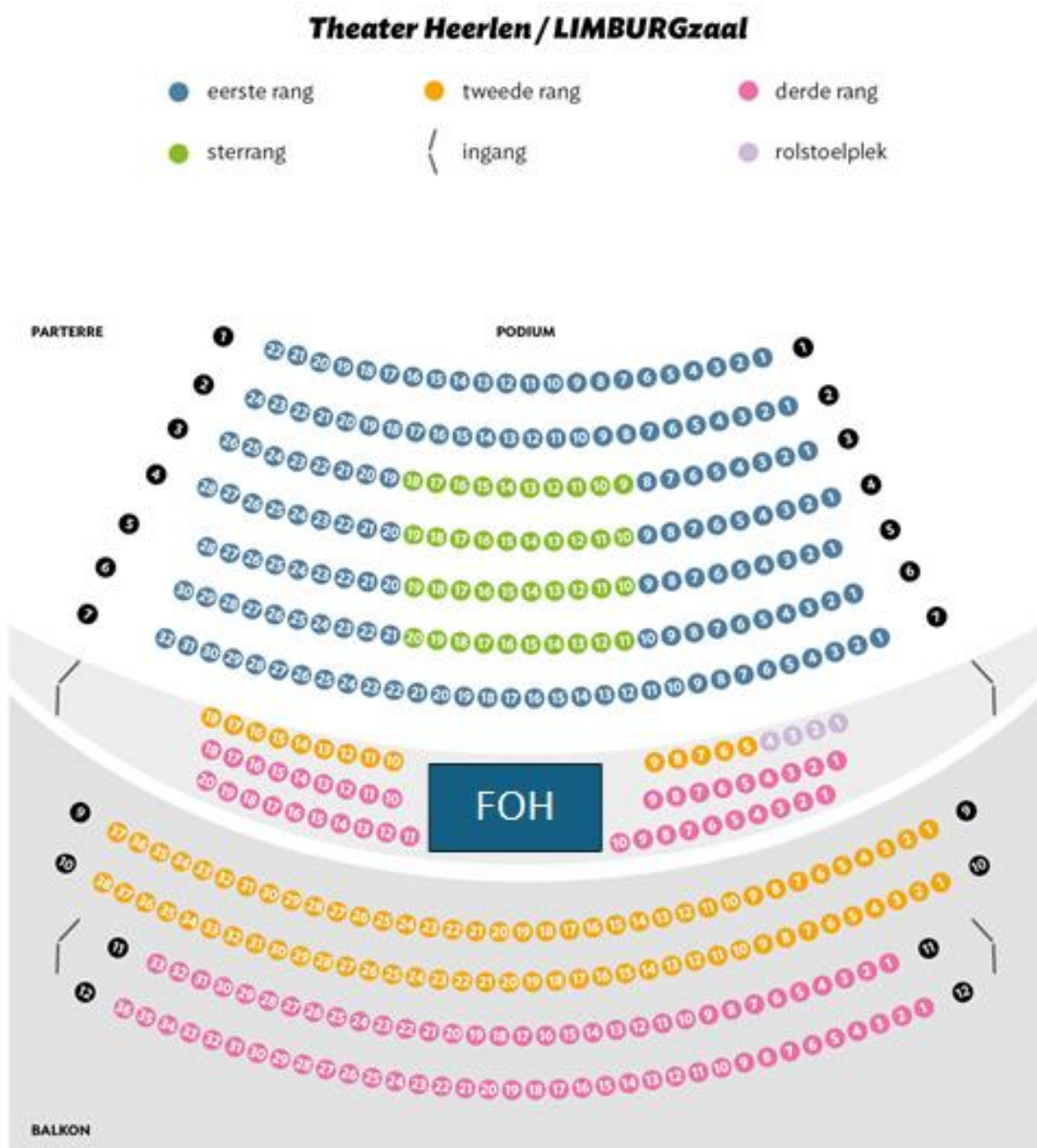
Seating plan

Total seats 362 seats

Tribune	182 seats
Bordes	36 seats
Balcony	144 seats

Total standing places 1500 places

Divided over hall, bordes and balcony



Facilities

Dressing rooms

There are 3 changing rooms allocated to the Limburgzaal.

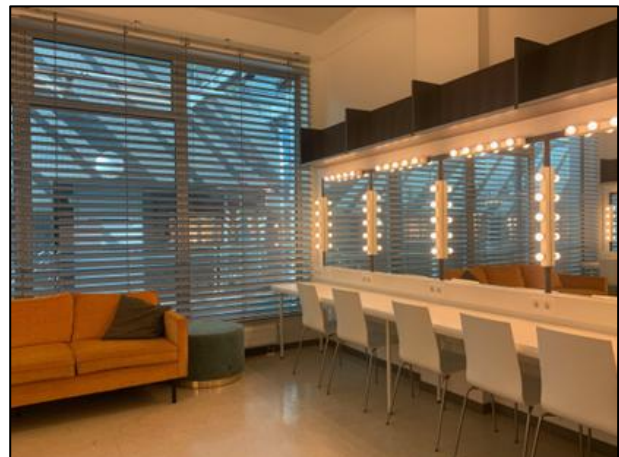
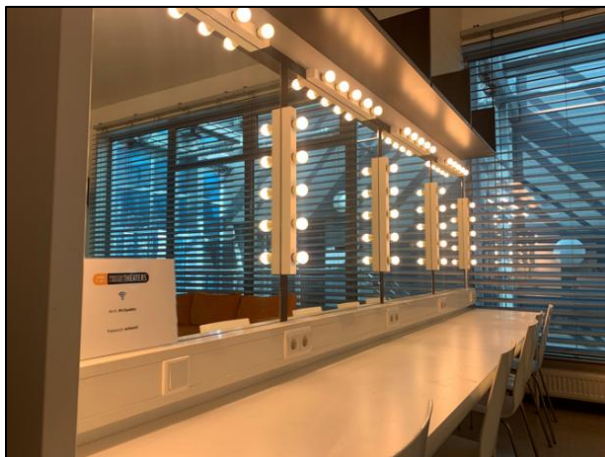
Each dressing room is equipped with at least one sink and all changing rooms are equipped with screens with image & sound of the hall and regular TV reception.

There is a call system in all changing rooms.

Dressing room 14	± 4 persons	± 12m ²	1 douche
Dressing room 15	± 3 persons	± 8m ²	1 douche
Dressing room 16	± 3 persons	± 8m ²	1 douche

If there is a need for **more** changing rooms, the changing rooms below can be **requested**. Please contact receptie@plt.nl

Dressing room 9	±10 persons	± 18m ²	1 douche
Dressing room 10	±10 persons	± 20m ²	1 douche



Tuning room

Adjacent to the orchestra pit of the Grote Zaal is an extra room set up as a tuning room.
(45m²)

CAUTION! This space is shared with all other halls.

Laundry facilities

Washing machine, dryer, iron & ironing board.

CAUTION! These facilities are shared with all other halls.

Toilets

The toilets are centrally located on each floor.

FOH

The FOH is located in the middle of the room under the balcony.

Control room

The control room is located behind the last row on the balcony. However, this cannot be used optimally due to limited view of the stage

Dressing room call

The microphone for the dressing room call is located on the stage at the back right. The call can be received in all dressing rooms, corridors and in the green room. The dressing room call also works via the intercom system

Grand piano's

Steinway & Sons D-274	Year of construction – 2007	(442Hz)
Steinway & Sons D-274	Year of construction – 1978	(440Hz)
Yamaha C7	Year of construction – 1988	(442Hz)

Sound

Sound system

The sound system is optimized for our theater, both in terms of sound technology and radiation characteristics.

Theatre layout

Line array	L-Acoustics A15	2 / side
Fill-in	L-Acoustics X8	
Subwoofers	L-Acoustics KS28	1 / side
Centercluster	L-Acoustics A15	
Balcony	L-Acoustics A10	2 / side
Processing	Lake LM44	

POP setup

Line array	L-Acoustics K2	7 / side
Subwoofers	L-Acoustics KS28	3 / side
Fill-in	L-Acoustics A15	
Outfill	L-Acoustics A15	
Balcony	L-Acoustics A10	2 / side
Processing	Lake LM44	

Surround-systeem

SIAP Acoustics system can be controlled analogue in up to 6 different lines.

Left behind	Right behind
Side left	Side right
Back wall left	Back wall right

Infra cabling

<i>From</i>	<i>To</i>	<i>Number</i>	<i>Type</i>
FOH	Stage left/right	48	Analogue
FOH	Stage left/right/amplifiers	12	Analogue
FOH	Stage left/right	2	CAT7
FOH	Stage left/right/amplifiers	4	AES/EBU
Stage left	Amplifiers	12	Analogue

12 Tie-Lines with isolated earth: FOH, stage, amplifiers and control cabin.

Cat6 network for digital connections possible.

Intercom

10 x Riedel Bolero Beltpack	Line A / B
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Light

Our spotlights, as indicated on the lighting plan, are fixed and therefore not movable.

Fixed dimmers

Dimmer connections stage floor and bridges:

96 x 3kW Sinewave Dimming (ETC)

Mobile dimmers

72 x 3KW LSC Unitour DIM / Fixed voltage

Network

Luminex Network in the following IP Ranges: **2.0.0.X**

sACN Network	1x Luminode 4	FOH (DMX IN – 4 Universes)
	1x Luminode 12	Stage L
	1x Luminode 4	Stage R
	2x Luminode 12 RJ45	Patchpanel

Connections

RJ45 / Ethercon chassis completely free to patch via patch panel.

Connections in the FOH, control cabin, stage, followspot areas and the bridges.

Follow spots

2 x Robert Juliat Korrigan 1,2 kW HMI.

Set up in the hall bridge.

Follow spots other than those of the house can be placed on the side bridge or in the hall bridge.

Fixed fixtures

Robert Juliat 310 HPC	1,2kW	Plano Convex
Robert Juliat 614SX	1,2kW	Zoom 16° - 35°
Robert Juliat 329HPC	2kW	Plano Convex
Robert Juliat 714SX2	2kW	Zoom 10° - 20°
Robert Juliat 714SX2	2kW	Zoom 15° - 40°
Robert Juliat Dalis 860	12 x	Led Horizon

Video

Camera's

Fixed (dome) camera SDI

Positioned to stage

Stage view

1 display (right)

Coax connections

Completely free patching via patch panel.

Connections in the FOH, control cabin, stage and the bridges.

