

## Technical Rider

City: Delft  
Name of venue: Theater de Veste

### **Address**

Delivery/postal/visiting address: Asvest 1  
Zip code: 2611 PK Delft

Technical director: Dirk van der Riet  
Number of FTE Stage technicians: 4

### **Telephone**

Country code: 0031 (local phone lines start with 0)  
Technical director cell phone: +316-51493275  
General: +3115-2131523  
Box office: +3115-2121312  
Fax: +3115-2123817

### **Mail & website**

E-mail technical director: [v.d.riet@theaterdeveste.nl](mailto:v.d.riet@theaterdeveste.nl)  
Homepage: [www.theaterdeveste.nl](http://www.theaterdeveste.nl)

### **Seats**

Total with 2 rows orchestra pit: 507 persons (including balcony)  
Total without 2 rows orchestra pit: 475 persons (including balcony)  
Total on balcony: 150 persons  
Places sound & light midvenue: 13

### **Working hours**

Start in the morning: 10:00 hrs  
Lunchtime flexible around: 12:30 hrs  
End in the afternoon: 17:00 hrs  
Start in the evening: 19:00 hrs  
Showtime (standard): 20:15 hrs  
Interval length: 20 min  
Opening times of green room: 16:30 hrs until end of show

### **Dressing-rooms**

- 2 rooms with capacity of 4 persons
- 2 rooms with capacity of 12 persons
- 1 room with capacity of 10 persons
- 1 room with capacity of 9 persons

Dance floor (marley) black (backside light grey): 8x1m50 depth(12m) x 16m wide, effective 8x12 (legs and backdrop)

### **Loading-dock**

Load-in/out  
Position relative to stage left, back of the stage  
Max. height truck 4,1 mtr  
Loading-platform height relative to ground 0,9 mtr  
Height of stage floor relative to ground 0,9 mtr  
Loading ramp available for non-level trucks: yes  
Minimum dimensions of loading door 2,91 mtr x 2,98 mtr

**Dimensions**

Width x Height Proscenium arch: 12m x 6,9m

“False” proscenium-opening width x height:

Min 10m Max 12m x Max 7,2m

*Definition of “zero”*

Zero is the intersection of the centreline of the stage and the upstage side of the proscenium, fire curtain or false proscenium, whatever is furthest upstage. If none of these is present it will be the division between seating and stage.

*Description of “zero”:* Intersection between the centreline and back-side of the prosceniumbridge

- From zero to back wall tower for flybars 8,4 m
- From zero to back wall backstage 11,12 m
- From zero to front of stage (rounded!) 2,95 m
- From zero to front of orchestra-pit 5,32 m
- From zero to back-side of fire-curtain 1,46 m
- Depth of fire-curtain 23cm

Width, free space

- From center-line to left wall flytower 12,6 m
- From center-line to right wall flytower 11,5 m
- From center-line to gallery, stage-left 8,9 m
- From center-line to gallery, stage-right 8,9 m
- From stagefloor to underside gallery 8,22 m

Floor stage:

Finish Keruing

Capacity 750 kg/m<sup>2</sup>

*Fly-gallery*

- Quantity of fly-bars 40
- Normal spacing between bars 20 cm.
- Maximum fly-height 16,65 m
- Pipe-length from center to stage right 8,47 m
- Pipe-length from center to stage left 8,43 m
- Max. total load 300kg
- Max. point-load suspension points 150kg
- Max. point-load in-between suspension points 100kg, pipe-end 75kg
- Bar-diameter 49 mm. tubewall thickness 5mm
- Number of suspension points 7
- Distance between. suspension points 2,75 m (1 @ center)
- Minimal bar-height above stage floor 1 cm.
- First bar at 0,3 mtrs from back prosceniumbridge
- Last bar at 8,1 mtrs
- Computerized in 2006 by Trekwerk BV

Auxiliary power distribution box/Company-switch

<i>Quantity</i>	<i>Fused Connector per 3phase + type</i>	<i>Place</i>
• 2	125A Cee-Form	backstage L&R
• 2	32A Cee-Form	L&R upstage
• 1	125A Cee-Form	Load-in

Lighting control:

- HES Roadhog hog3; Compulite Spark4D
- Remote control on stage: yes (ELC Focus)
- Equipment may be operated by technicians of visiting company: yes (except flybars)

Quantity of dimmers

- 132 3kW CEE form (16A) of which 32 patchable to floor or Harting8 via multicables 25m
- 12 5kW CEE form (32A) all patchable to floor or Harting8 via multicables 25m

Quantity of free dimmers in cabinet (2,0kW!)

- 18 x 2shuko or 3 Harting8 multi hard-patchable
- Houselights dimmable by visiting lighting desk yes (6 channels DMX)

Dimmer protocol DMX 512/1990

- Can be connected on board visiting company: yes
- Extra DMX connections yes stage left and right (splitterbooster 4x), prosceniumbridge, auditorium, FOH bridges
- 2 dmx-lines from mid-audience booth to stage (female stage right)

*Luminaries*

Are extra spots available yes

- foh bridge 2: 12 Niethammer, 6 zoomprofile 2kW HPZ211X; 6 zoomprofile 2kW HPZ215X
- foh bridge 1: 18 Niethammer zoomprofile 2kW HPZ215X; 2 zoomprofile 750W ETC 25-50
- foh Perch Left 5 zoomprofile 1kW ENHPZ 115; 1 zoomprofile 1kW ADB DW104 15-42
- foh Perch Right 5 zoomprofile 1kW ENHPZ 115; 1 zoomprofile 1kW ADB DW 104 15-42
- lower prosceniumbridge 8 PC 2kW ADB C201; 10 zoomprofile 750w ETC 25-50
- higher prosceniumbridge 4 PC 2kW ADB C201;
- Prosceniumperch Left 4 zoomprofile 750w ETC; 2 Fresnell 2kW ADB F201
- Prosceniumperch Right 4 zoomprofile 750w ETC; 2 Fresnell 2kW ADB F201
- Gallery Left 5 zoomprofile 2kW ADB DS204 13-36
- Gallery Right 5 zoomprofile 2kW ADB DS204 13-36

*Freely placable spots for flybar tower*

- 8 2kW Desisti Leonardo Fresnell
- 10 zoomprofile 1kW ADB DW104; 4 zoomprofile 750w ETC 25-50
- 4 sixbar 6 Par64 CP62 MFI 1kW Thomas 230V + 2 free connectors CEE-form
- 8 Par64 CP62 MFI 1kW Thomas 230V
- 8 Par64 CP60 VeryNarrowSpot 1kW Thomas 230V

*PA console*

- Yamaha CL1D (40ch), 2x RIO1608 stagebox, Dante network
- Allen&Heath GL2400 (24 channels)

*PA*

- TOP: 4x UPA1P left and right (floor and balcony)
- 2x UPA1P centrecluster 1 balcony, 1 venue
- 2x USW500 subs left and right
- Processor Xilica Neutrino

*Floormonitors*

- 4 Sound Project X-act
- 2 12" d&b (Minimax)

*front fill* 4 SA F/series (optional)

*Analog Effects* Yamaha SPX 990, Lexicon LXP 15 II, 2x DBX Compressor 266XL

*Reproduction devices*

Tascam CD 301 MK II

Denon MD DN-M1050 (recording/playback)

Marantz DV 4300 DVD

*Microphones*

- 4 AKG 414-B-XLS
- 4 Crown PCC
- 1 AKG C 451 condenser +CK1
- 6 AKG 300 B condenser + CK91
- 2 AKG CK98-heads (longtube)
- 1 Electrovoice PL 80
- 2 AKG 535 condenser
- 1 Shure 87beta vocal
- 8 Shure SM58
- 4 Shure SM58beta
- 4 Shure SM57
- 3 Shure PG 56+Shure PG 52 (drumkit)
- AKG D112 external Kickmic
- Shure Beta 91A internal Kickmic (PCC)
- 3 E906/609 backline amp mic
- 2 MD421 II dynamic mic

*Wireless mics (rental prices apply)*

- 6 Sennheiser EW300 G3 range 626-668Mhz, either handhelds 935 or beltacks with countryman H6 headsets

*Additional material*

- 5 BSS AR117 active DI
- 2 Radial J48 active DI
- 2 ART Dual Ch active DI
- ART transformer
- beltacks: 8 x ASL (wired)

*Video (rental prices apply)*

- 7000 ANSI-lumen Panasonic DW-740EL DLP multimediaprojector, native resolution 1280x800, HDMI via SDI(BNC cable) (presentations possible 1280x720 with 720p 16:9(HDready) or 1024x768 in 4:3). SD with VGA possible (no discount)
- Projection-screen 16:9 (5mx3m frontal/through) or 4:3 (4mx3m through (shared with foyer))
- 2x Windows10 laptop (for powerpoint-presentatiions), 1x Kramer VP-773amp scaler/switcher 2K support
- V1HD Roland HDMI-videomixer
- 2 HP 23" monitor LED-flatscreen
- 2x Logitech USB wireless mouse/laserpointer presenter

*Multiconnection*

- venue to stage 24 XLR stage L and R, to mixing position, to control room: XLR/108 pins Harting
- or digital: 32channels input, 8 output via 2x RIO1608 via Dante (+ CL1D 8in/out omni)
- headsets: ASL 8x Beyer DT 108 **not wireless!**

*Grand Piano*

Yamaha C7 227x155cm

flybar number	Distance tot zero (cm)	deviating barlength L	deviating barlength R	Deviating hight	Deviating Max load	Deviating control	Content legheight
stagebar	-325	750	750		200!!!	Electric	
curtain	-115						
openingbar	-100				<b>75</b>	<b>hand</b>	
1	30						
2	50						leg 10 m
3	70						
4	90						
5	110						
6	130						border 5m
7	150						leg 10m
8	170						
9	190						
10	210						
11	230						
12	250						border 3m
13	270						leg 9m
14	290						
15	310						
16	330						
17	350						
18	370						
19	390						
20	410						border 3m
21	430						leg 9m
22	450						
23	470						
24	490						
25	510						
26	530						
27	550						
28	570						
29	590						border 3m
30	610						leg 9m
31	630						
32	650						
33	670				0!!!		Cycbattery(fixed)
34	690						
35	710						
36	730						
37	750						leg 9m
38	770						
39	790						Fond (legs) 9m
40	810						Cyc cloth (fixed)

sidebars	Distance to centreline	Distance to zero	Bar-length	Bar-hight	WLL		
L	863	12	800	1710	<b>75</b>	<b>Hand</b>	
R	870	12	800	1710	<b>75</b>	<b>Hand</b>	

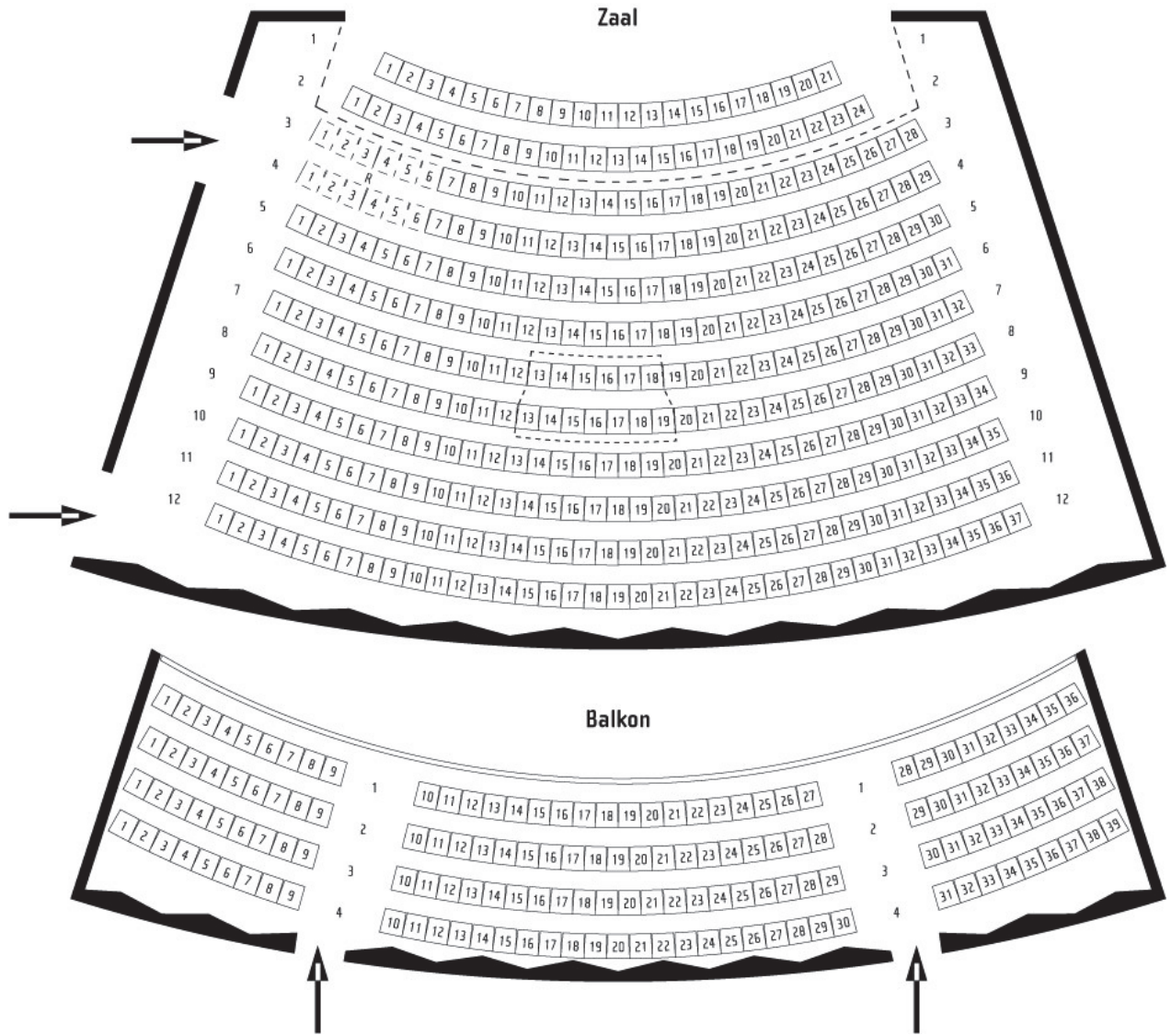
**LUMINAIRES**

Position	number	type	Power (kW)	brand	type	Opening angle	barndoors
FOH back	6	HPZ 211X	2	ADB EN	zoom	11-27	nvt
FOH back	6	HPZ 215X	2	ADB EN	zoom	15-40	nvt
FOH front	18	HPZ 215X	2	ADB EN	zoom	15-40	nvt
FOH front	2	Source4	750W	ETC	zoom	25-50	nvt
FOH perch Left	5	HPZ 115	1	ADB EN	zoom	15-35	nvt
FOH perch bottom	1	DW 104	1	ADB	zoom	15-42	nvt
FOH perch Right	5	HPZ 115	1	ADB EN	zoom	15-35	nvt
FOH perch bottom	1	DW 104	1	ADB	zoom	15-42	nvt
Prosceniumbridge	12	C 201	2	ADB	PC	10-65	none
Prosceniumbridge	10	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Left	5	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Left	2	F 201	2	ADB	Fresnell	12-61	yes
Proscenium perch Right	5	Source4	750W	ETC	zoom	25-50	nvt
Proscenium perch Right	2	F 201	2	ADB	Fresnell	12-61	yes
Gallery Left	5	DS 204	2	ADB	zoom	13-36	nvt
Gallery Right	5	DS 204	2	ADB	zoom	13-36	nvt
Cyclo-battery	5 x 4	cyclo	1	Desisti	asymetric	4 colours	tilting

**Gels Lee**

101 Yellow	147 Apricot
102 Light Amber	148 Bright Rose
103 Straw	151 Gold Tint
104 Deep Amber	152 Pale Gold
105 Orange	153 Pale Salmon
106 Primary Red	154 Pale Rose
107 Light Rose	156 Chocolate
109 Light Salmon	157 Pink
110 Middle Rose	158 Deep Orange
111 Dark Pink	161 Slate Blue
113 Magenta	164 Flame Red
115 Peacock Blue	165 Daylight Blue
116 Medium Blue-Green	170 Deep Lavender
117 Steel Blue	174 Dark Steel Blue
118 Light Blue	176 Loving Amber
119 Dark Blue	179 Chrome Orange
120 Deep Blue	180 Dark Lavender
121 Lee Green	181 Congo Blue
124 Dark Green	182 Light Red
126 Mauve	195 Zenith Blue
127 Smokey Pink	197 Alice Blue
128 Bright Pink	200 Double C.T.Blue
132 Medium Blue	201 Full C.T.Blue
134 Golden Amber	202 Half C.T.Blue
135 Deep Golden Amber	203 Qtr C.T.Blue
136 Pale Lavender	204 Full C.T.Orange
137 Special Lavender	205 Half C.T.Orange
138 Pale Green	206 Qtr C.T.Orange
139 Primary Green	242 Lee Fluorescent 4300K
141 Bright Blue	243 Lee Fluorescent 3600K
142 Pale Violet	228 Brushed silk
	253 Hampshire frost

### Seating plan Rabozaal





## Technical Theatercafé

### Light

- 24 dimmers 2kW
- 6 profile ETC 25-50 750W frontlight podium
- Several PAR medium 500W and multipar 575W around podium
- 2x Studiocolor 575W Frontlighting position
- 2x Robe Colorspot 575E-AT side/proscenium position
- CLS-Led warm white light top, a combination of 54° en 12° from ceiling (12° possible to change direction)
- 21 ROBE Light4ce 7 RGBW top LedPAR top floor/podium/behind bar
- Wanddeco several old Showtec RGB ledpar
- Mirrorbol with motor and pinspots on 1 dmx-adress 240V
- Stroboscope Atomic clone
- Preset-lightdirector Chromateq (dmx standalone or with PC program).
- Available lightdesks Compulite Spark 4D or HighEnd Roadhog3

### Sound

- Each side: 2x Top ARC-Wide, 1x Sub SB18; L'Acoustics (flown together) 105dB continuous
- Small Centerspeaker L'Acoustics (active)
- 1x amplifier LA8, 1x LA4
- 4x analogue XLR input on 19inch mixer near bar, inserts on podium
- 2x Handheld 945 Sennheiser EW300 G3 range 626-668Mhz
- CD/DVD Tascam, beeld en geluid via AV-switcher
- PC/USB audio (ook met DVD-mogelijkheid, en software Spotify)
- Rackmounted mixer Alesis Multimix10, with Bluetooth

Optional, shared with main venue:

- Yamaha CL1D for FOH via audionetwork Dante and 2x 16 inputs en 1x 8 outputs with 2x RIO1608 stagebox (plus OMNI on CL1D, 8 inputs and 8 outputs)
- Monitors: 2x Minimax d&b 12", 4x X-ACT active, 1x JBL EON active, 2x Meyer UM100P active
- Microphones: see list Rabozaal
- Wireless microphones: 6 available in-house, either handheld or headset, through rental agreement with management, see list Rabozaal
- On request: 2 DJP2000nexus1, 1 DJM2000nexus mixer.
- HK-Audio Premium PR:O (2x sub PR:O 18Sub A & 2x top PR:O 10XA)
- Top 121dB max SPL(Half Space) 600W/4 Ohm; 90x60 degrees; from 89Hz
- Sub 125dB max SPL(Half Space) 600W/4 Ohm; 38Hz @ -10dB

### Video

Fixed installation 3500 ANS Illumen projection 4:3 (Mitsubishi), SD-resolution 1024x768, connectable to laptop(s) from stage with VGA, or from 19inch rack Extron Scaler/Switcher for DVD/ PC/ external inputs on VGA, HDMI and BNC next to bar/FOH

Floor-plan Theatercafé (with seating example)

