

## LARGE STAGE – TECHNICAL DETAILS

Jan Kochanowski Popular Theatre

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### Auditorium

Audience hall: **amphitheatre – 359 seats**

Orchestra pit: width – 9.40 m; depth – 2.40 m; height – 2.90 m  
covered by the proscenium floor

### Stage

Portal: width – 10 m; height – 6.00 m  
portal bridge – max height – 6.00; min. height – 0.60  
portal towers – max. width – 9.60; min. width – 7.00

Stage depth: 21.64 m  
including: proscenium 2.11 m  
main stage 11.64 m  
backstage 7.89 m

Stage width: 14.00 m (between wings)  
left wing – 2.00 m  
right wing – 2.80 m

Width of the backstage portal - 12 m  
Height of the backstage portal – 6.50 m

Curtains: raised - 1 piece, black seamless tulle netting  
opened sideways – dark brown, velvet

Stage drapes: black velvet

Stage floor: black-painted pine boards

Revolving stage: large circle diameter 14 m – electric drive with adjustable speed

small circle diameter 8.20 m - electric drive with adjustable speed (regulated by the eccentric of the large stage)

**NOTE: Both the stages may move together in any direction**

Trap doors: placed in two points of the large revolving stage, dimensions 0.85 x 0.85 m and stroke 1.97 m  
electric drive

Stage pulleys: manual – 19, capacity up to 200 kg, h – 14.5 m

Backstage pulleys: manual – 6, capacity up to 150 kg, h – 8.40 m

**Stage lighting:**

- voltage 230V; total power 200 kW;
- 160 regulated stage circuits, including:
  - **stage** - 9 circuits
  - **large revolving stage** - 7 circuits
  - **auditorium top gap** - 22 circuits /spotlights: 10 x ADB PC 2kW; 9 x tubes DDR 2kW; 3 x WARP/
  - **side gaps /2x/** - 5 circuits /spotlights: 2 x 2 ADB PC 2kW; 2 x 3 PANI PC 1kW/
  - **portal bridge** - 14 circuits /spotlights: 8 x ADB PC 2kW; 2 x ADB PC 650W; 2 x WARP; 2 x floor PAR 56 1kW/
  - **1<sup>st</sup> lighting bridge** - 13 circuits /spotlights: 4 x ADB PC 2kW; 5 x SPOTLIGHT PC 650W; 2 x PANI PC 1kW; 2 x WARP/
  - **2nd lighting bridge** - 11 circuits /spotlights: 6 x ADB PC 2kW; 4 x SPOTLIGHT PC 650W; 1 x WARP/
  - **3rd lighting bridge** - 6 circuits /spotlights: 3 x ADB PC 2kW; 3 x WARP/
  - **backstage** - 9 circuits /spotlights: 9 x SPOTLIGHT PC 1kW/
  - **stage level** - /spotlights: 4 x ADB PC 650W; 4 x SPOTLIGHT PC 650W/
  - **portal towers /2x/** - 5 circuits /spotlights: 3 x PANI PC 1kW/
  - **auditorium lighting** - 60 circuits
  - **mobile heads**
    - Robe – 4x Wash700E
    - 2x ColorSpot1200AT
    - 2x Robin Spot 300E

Sockets - EBERLE, possibly adaptors

Thyristor regulators RP-2500 - /2.5 kW /

**control station** – control panel ETC CONGO 1000 including wireless control

+

downlights AHO 1000 R1 – 6 pieces

stroboscope lights FL1500 DMX -piece

multimedia projectors PANASONIC PT-5700E - 3 pieces

backward and forward projection screen, dimensions: 6 m x 4.5 m

smoke generators: MARTIN MAGNUM PRO 2000 - 2 pieces

**Electric and sound equipment:**

Mixing panels: SOUNDCRAFT Vi-1

Loudspeaker systems: FOH JBL VRx 932 LAP - 2 x 2.4kW /auditorium/  
SUB JBL VRx 918 SP - 2x 2.1kW /auditorium/  
SIDEFILL JBL - 2 x 350W  
JBL - 2 x 350W /stage/  
LDM – 2 x 300W /stage/  
Mini Disc Sony 500 (featuring autopause) - 2 pieces  
CD Technics PS 670 A (featuring autopause) - 2 pieces  
Wireless kits SHURE BODYPACK - 10 pieces  
BETA 58 /handheld/ - 1 piece  
Wireless mikes SHURE BETA 57A and 58 - 10 pieces  
Compressor DBX 266 - 2 pieces  
Equalizers DBX 2231 - 2 pieces

***Stage manager's station (calling to stage – greenrooms and stage services, performance monitoring)***

**Greenrooms:**

four-station - 3 /rooms 115, 116, 117/

five-station – 1 /room 114/

eight-station – 1 /room 124/

**Make-up – wigs / room 123/**

Greenroom assistants - room 125a

Stage team - room 125

Light and sound engineers - room 404

**Rehearsals** 4<sup>th</sup> floor – rooms 415, 439

**Buffet** 2<sup>nd</sup> floor – room 215

**Transportation of stage settings:**

manual + trucks + cargo lift, possibly electric pulley

Cargo lift: length 3.10 m; width. 2.05 m; height 2 m, capacity 3 t

Stage entrance: width 2.30 m; height 6 m

Max. height of entrance gate: 3.40 m