

Theater Tol Garden of Angels

Technical Rider 2023



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GENERAL INFO

Hoisting crane, light, sound, helium, stage and infrastructure are to be provided by the organizer. If permitted, Theater Tol can bring the fireworks in EU, if we are not allowed to transport it from Belgium, the festival should provide it. *(for a detailed list: see p 6)*

The festival is responsible for arranging all necessary permits. This is very important, because each country has different regulations.

CRANE

Technical necessities for the hoisting crane:

The crane must be able to turn 360°, minimum 42 meters height from hook to ground in a 45° angle of the hoisting beam to the surface. Most of the time a 100-ton mobile crane is used. Also, possible: min 60 ton – max 120 ton. If the number of, or the distance to the audience gets bigger, another type of crane may be necessary. *(examples and technical info about crane: see p 7)*

The crane must lift a truss, a circular construction of 8 meters diameter. The crane-company should provide a four-way cable (4 leg bridles) of 6 meters long, each cable certified for lifting 4 ton. With these bridles, the truss can be attached directly to the hook of the crane. One extra cable (brought by theater TOL) should fit as well together with the 4 leg bridles in the hook of the crane.

The total weight of this entire construction, including 10 performers, is 1500 Kg.

Total length from the hook of the crane till the bottom of the lowest object is 18 meters.

During a **technical preview visit** we would like to have a meeting with the crane company, which must provide a **good and careful crane operator**. On the day of the show we will do a full technical rehearsal in daylight with the crane, sound and light should also be ready by then. This is usually done around 2pm, to be confirmed.

It's important that the operator who does the technical rehearsal during the day is also the one who will do the show at night! The crane operator needs to be present at least 1,5 hr. before the start of the show.

After the last show, the crane can drive away or stay. This is the decision of the organization. The costs of the crane and its operator are for the organizer.

TRUSS CONSTRUCTION (Brought by Theater TOL)

The structure to be lifted is made off detachable circular truss-elements. On the structure will hang different objects, all brought & assembled on location by the Theater Tol crew.

The truss and all hanging-objects are subjected each year to a safety control by "Vinçotte" in Antwerp (B).

Some countries require specific safety inspections, which are best held 1 hour before the first aerial rehearsal. Theater Tol will bring all the certificates of the material used for the show.

STAGE

The organizer should provide a stage.

Usually we use a stage of 4M long, 2M deep and 2M high, with handrail at the sides and the back of the stage.

We need stairs (and handrail) in front of the stage

Around the stage black cloth should be attached

VOLUNTEERS

The organizer should provide 12 volunteers. (minimum ½ of them English/Dutch/French speaking)

Task: During ground-parade: crowd-managing or as biker or performer.

9 Volunteers should wear black clothing during the show and be present during rehearsals as well.

3 Volunteers to perform Mariage Fantastique-characters, in Tol-costume (size 50) and Tol make-up.

LIGHT

The organizer takes care of the rent and buildup of all light equipment

DIMMERS / LIGHTING CONSOLE

- All fixtures except the follow spots, will be connected through suitable dimmers to a lighting console.
- The console will be placed at the FOH.
- The primary station for intercom will also be placed in the FOH.
- We like the fixtures to be addressed as separate channel faders, as well as in group / color.
- An extra dimmer channel is needed for igniting the streamer effects. This separate dimmer channel needs to be configured as switching channel for that purpose. --Normally an extra ballast is needed on this channel

FOLLOW SPOTS

8 identical (or 2x4 identical) follow spots must be foreseen, 2000Watt HMI. Each follow spot must be default set to open white but must be able to switch to Dark Blue (Lee L119 or equivalent) at the end of the show. The colour may not be set fixed on the spot. Also filters LEE 441 Full CT should be provided.

All follow spots must be able to make at least a 180° angle pan area and a 75° tilt angle referencing the horizon. This depends on the setting, but normally the truss with the angels swings over the audience, the follow spots must be able to follow each angel when they approach the back of the location.

All the follow spots must be placed on a riser, minimum 1 meter above the ground. Follow spots may be directly fed from PSU.

INTERCOM SYSTEM

Each follow spot (8) must be equipped with an intercom belt pack and headset for the operator to listen to instructions given by the lighting controller during the show. 1 belt pack with headset must be available at the console desk for the lighting controller. => 9 intercom belt packs with headset

STAFF

The organiser must provide 8 English speaking experienced light-operators to build-up light & handle the follow-spots during the show. They will be well instructed by Theater Tol and need to be present at the rehearsal. At the day of the show they should be at the site 1,5hrs before the start of the show.

STAGE LIGHT

In front of the stage 2 stands (left and right) with each 3 x PC ADB 1000W min 2m high with barn doors, filter Lee Color 285 Three quarter CT.

behind the stage 2 stands (left and right) with each 3 x PAR 64 CP 62 min 2m high, filter Lee Color L164

WORK LIGHT

Around the truss area for extra light during break down or evening rehearsals (4 x 1 KW flood)

GENERATORS

Theater Tol will bring small generators to provide electricity on the truss. The organizer should provide about 10L fuel /show (98 octane) if transport is done by sea/air cargo.

If the location is situated above 1000m, the organizer should provide a different type of generator adapted to work above 1000m. Please consult us about this first.

SOUND

The organizer should arrange the rental and buildup of the sound system (preferred brands are listed)

Please provide 1 English speaking sound-technician to assist.

Sound should be ready 2 hours before the scheduled rehearsal.

SPEAKER SYSTEM

Front of house and monitors: preferred brands: Electro voice // Meyer sound // L-acoustics // CROWN-AMCRON)

A suitable speaker and amplifier-system for the number of spectators that are expected for the event. The system should be able to deliver a hi-fi-quality definition sound of at least 95db constantly.

The placement of the speaker system should be discussed with Theater Tol on location

MONITORS

4 wedge monitors (ELECTRO VOICE, MEYER SOUND, LACCOUSTICS) with suitable amplifiers (AMCRON-CROWN) will be provided. Soundlevel of the monitors will be adjusted from FOH. All monitors can be linked.

MIXING CONSOLE

DIGITAL CONSOLE (Digico /Soundcraft / Yamaha / Midas) : 12 input channels used

Each channel will have 4 band full parametric eq Each input mic will be split into two channels to have separate EQ for Front and in-ear monitoring

A 31 band EQ will be inserted on the LR strip , In -ears sending from aux 1 , hall effect sending from aux 2 , monitor send from aux 3

ANALOG CONSOLE

For general setup of the console (see digital console) in addition, outboard gear is needed to obtain same setup :

2x31 band EQ on front of house, configurable at mixing console (Klarktechnik)

1 cd player

2-4 compressor limiters (Klarktechnik)

1 decent HALL/REBERB (Roland SRV 2000, TC electronic)

2 free channels for audio playback through computer

WIRELESS MIC SYSTEMS

4 wireless headset mic systems (SENNHEISER HSP4/ DPA 4088), skin color, must be provided with belt packs, receivers,

2 wireless clip-on mic systems (SENNHEISER MKE3 gold / DPA 4099) with clips , must be provided with belt packs, receivers,

antenna splitter and 2 flag antennas with antenna-boosters (20db boosters). Each antenna will be provided with 20 m of cable to the splitter

In-ear monitor systems (SENNHEISER) provided with belt packs, earplugs, antenna combiner and flag

antenna. The antenna will be provided with 20 m of cable to the combiner.

The exact number of micros depends on the actual show and performers, once the scenario and cast are finished and approved, we can provide an exact list of microphones needed

WALKIE TALKIES

Set of 10 professional Walkie Talkies and headphones for communication in between technical TOLcrew & ground-parade managers.

ELECTRICITY

The organizer / festival provides all necessary power supply:

For light and sound: 3x380 Volt / 50hz 32 A – 2 electrical distribution boxes with each minimum 12 shuko connectors (12 x 220V 16A) divided over 3 phases.

The first panel should be placed at the P.A., the second near the crane, this will be used for work light near the truss or extra charging points for batteries that Theater Tol uses.

Theater TOL brings 4 streamers (big shots) and they must be placed at the back edge of the catwalk. All four must be patched on the same circuit (230 V) and assigned a channel on the dimmer console. Make sure the dimmer on this channel doesn't use preheating.

INFRASTRUCTURE

To be arranged by the organizer/festival:

- A circle of 14 diameters made of connecting black (covered) fences (minimum 2 m high) are to be put around the truss lifting-area.
- A shelter minimum 3mx3m (closed on the sides) at the TRUSS-area
- Fire-safety: 2 fire-extinguishers in proximity of the Truss-area
- First Aid kit.
- Securing the audience from the crane.
- Turning off street lights at the start of the show.
- Site needs to be secured during absence of Theater Tol (at night, during meals, ...)
- Cleaning up of the venue is best done right after the performance, feathers/confetti/streamers/balloons are part of the show.

DRESSING ROOM

A clean & air-conditioned dressing room.

A space for 20 people to change., minimum 50m2, but preferable more

1 big mirror (man-size)

45 chairs, 5 tables, 3 racks with cloth-hangers

Sufficient light from above (needed for make-up)

at least 4 power sockets (220v electricity) & Adapter for electricity to 220 volts / to 50 hertz

Dressing room needs to be safely locked during performance or night

Beverages (hot & cold) & bottled water & snacks for 19 people

In case of rainy situations: please provide dryers for the costumes.

TECHNICAL ROOM

A room for charging the batteries and safe storage for the video equipment during the night. The dressing room could be used for this if it is big and safe enough. On this location we also need 8 shuko electric sockets for loading the batteries.

Adapter for electricity to 220 volts / to 50 hertz

TRANSPORT DECOR

-Transport by TRUCK:

Parking Space: Free and safe parking should be provided for the truck close to the location during the entire period of the company's presence. (dimensions: L:920 x W:255 x H:360)

Truck needs to be on site while set-up and set-down, directly after the show.

-Transport by CARGO (by sea or by plane): *organization to be determined*

The organizer should be able to store the container or the material from arrival upon departure.

Assistance with boarder clearances can be necessary.

CREW TRANSPORT & HOTEL & CATERING

Transport:

- **By CAR:** 4 free & secure parking spaces for cars

- **By train:** local transport for the crew

- **By plane:** flight tickets for all needed crew-members

as direct as possible to the nearest airport

reasonable flight-hours with meals on board

extra check-in luggage for costumes if decor travels by CARGO

music-instruments: 1 violin & 1 saxophone check-in on board as hand-luggage

airport transfers and all local transport

Hotel: depends on the distance and the timing, to be confirmed

B&B or Hotel with continental breakfast for 20 persons

From arrival upon departure (possible late arrival and late check-out)

Single or Double rooms (twin beds)

With Wi-Fi and free parking spot if Tol travels by car

Catering or per diem:

From arrival upon departure

For 20 persons (approximate ½ of the crew is vegetarian, tbc)

2 full healthy meals / day and night-snack after the performance(s)

Easy access/no waiting time

Drinks (cold and hot) and bottled water permanent available at the dressing rooms and at the building up area

LIST OF PYROTECHNICS

Choice of Pyrotechnics OR extra confetti for the finale of Garden of Angels.

CONFETTI

Theater TOL can bring confetti for additional fee of 300€/show

FIREWORKS/ ice-fountains

If travel by truck: Theater TOL can bring the Pyrotechnics for additional fee of 1000€/show

Brand: NEXT FX

for 1 show:

truss: 32 x gerb T3 (20s15)
+ igniter-wire



Technical info:

Gerb T3 20s15 : CE = 0589-T1-0097 (BAM nr old = BAM-PT1-0673, BAM new = BAM-T1-0097) ; Neq = 29,5gr

bamboo pole attached to truss



Gerb attached to bamboo pole



ELECTRIC CANNONS (brought by TOL if travel by truck)

Brand: Magic FX

80cm electric confetti cannon

for 1 show:

9 pieces



types used: white and silver metallic streamers

HELIUM

If travel by Truck: Theater TOL can bring the helium for additional Fee of €100 / show.
Sufficient helium for 100 balloons (11inch) / show should be provided by the organizer.
Balloons are brought by TOL.

CRANE EXAMPLES

Example of 60-ton crane



Specifications:

CRANE 60 TON + extra ballast if needed!

width 2.55M

Length 9 M and with crane arm 11,5 M

Width crane stable with stamps in Position 7M

length arm 9,6 - 43M

Example of 100-ton crane => BETTER (show will be more spectacular)



Specifications:

CRANE 100 TON + extra ballast if needed!

width 2.99M

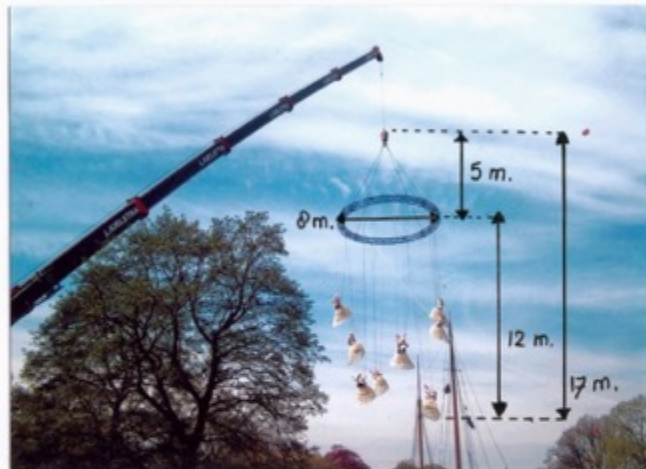
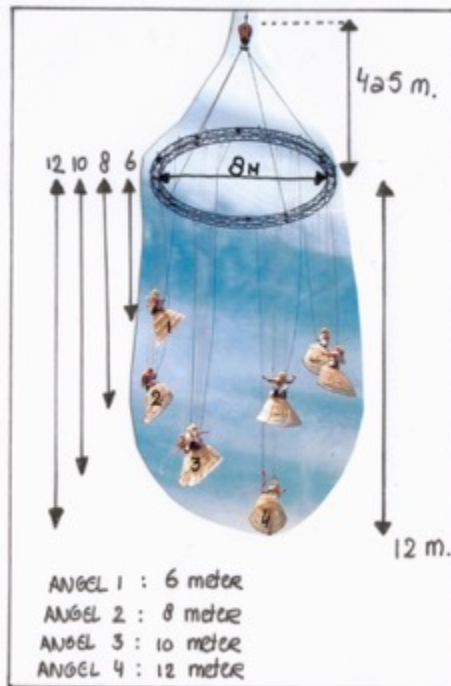
Length 12M with crane arm 13,3 M

Width crane stable with stamps in Position 7,5M

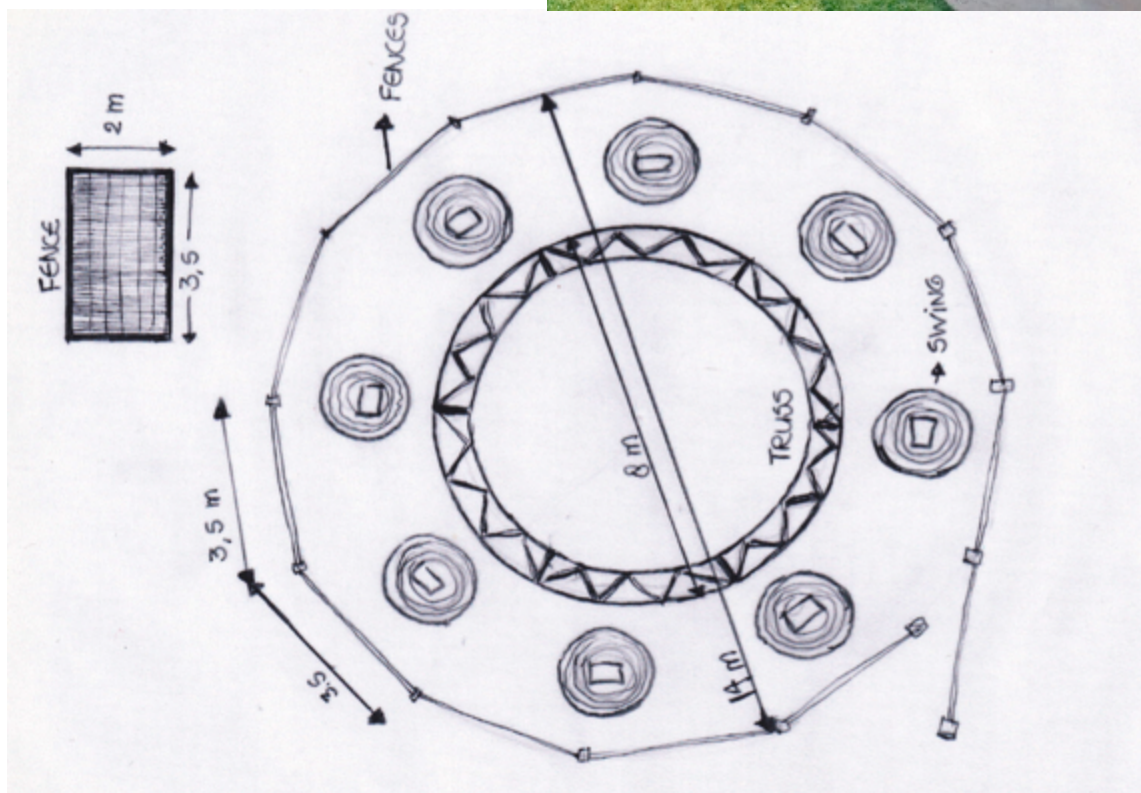
length arm 11,7 - 60M

SCHEMATIC OVERVIEW OF SETTING (without the skirt in the middle)

lengths:



picture of truss area



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