

Technical Rider 2024

Garden Of Angels



General info

Hoisting crane, light, sound, stage and infrastructure are to be provided by the organizer.

If asked, Theater Tol can provide: Helium, fireworks, confetti and a basic lighting set.

Note, there will be an additional cost involved with this.

This is only possible in the EU, if we are not allowed to transport it from Belgium, the client should provide it.

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



Crane info

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

The crane must lift a truss, a circular construction of 8 meters diameter.

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

Theater Tol will provide 4 lifting straps (4000 kg) of 6 m that will be attached to the hook of the crane. The straps will connect the truss with provided shackles.

Please provide a (4 leg bridles) of 6 meters long, each cable certified for lifting 4 ton as backup.

During a technical preview visit we would like to have a meeting with the crane company.

On the day of the show we will do a full technical rehearsal in daylight with the crane, sound and light. This is usually 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.

Please provide a good, careful and communicative crane operator. The safety of our crew depends on this operator.

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.

Theater Tol can use 2 types of cranes: telescopic crane and foldable tower crane.



Telescopic crane

Preferably provide a 100.000 kg crane. Anything less has limitations in movability and range which makes the show less spectacular. The crane must be able to turn 360°.

We need a minimum height of 42 meters from hook to ground in a 45° angle of the hoisting beam to the ground. If the number of, or the distance to the audience rises, another type of crane may be necessary, heavier or a tower crane.



Example of a 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 stabled with stamps in Position 7M

length arm 9,6 – 43M



Example of a 100-TON crane

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



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Foldable tower crane

In some cases a tower crane can be used.

Make sure that the weight of 1500kg can be hoisted at the top end of the crane arm.



Example of a foldable tower crane

Specifications:

width 2.99M

Length 16.5M with crane arm 60M

Width crane stable with stamps in Position 7,5M

length arm 50M



Truss construction

This construction is brought by Theater Tol.

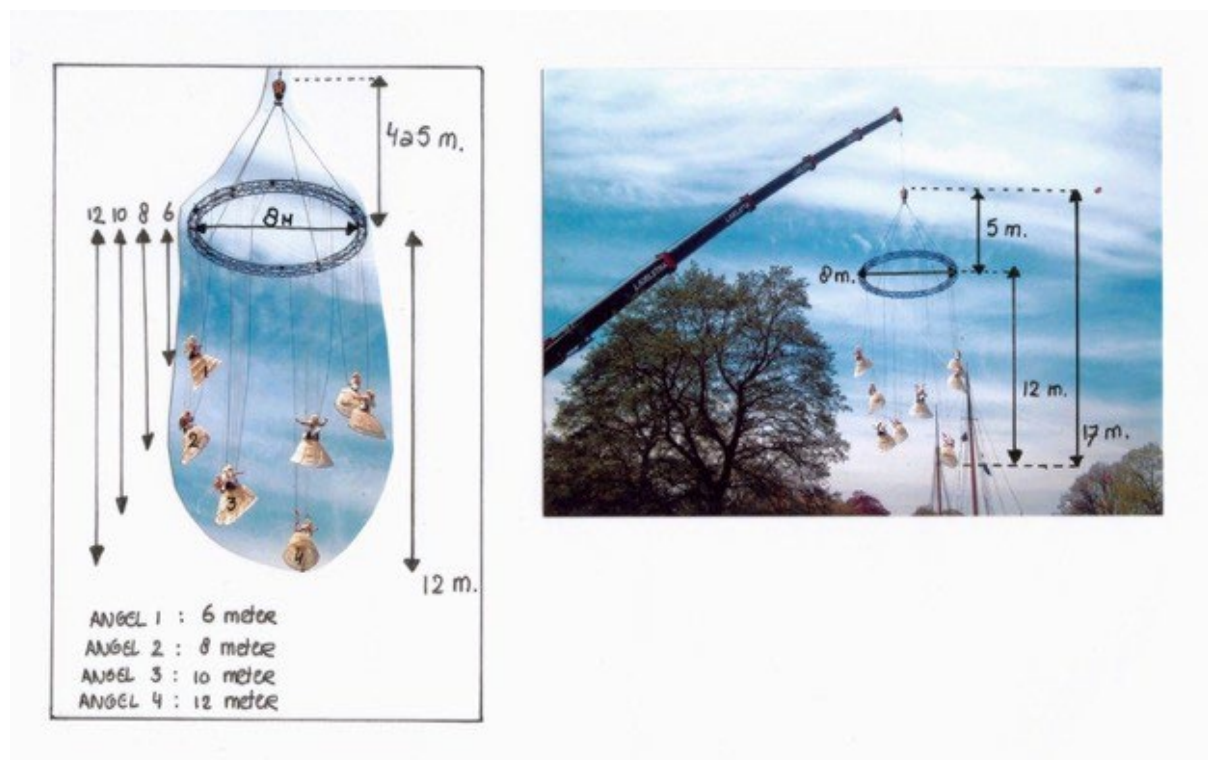
The structure to be lifted is made off detachable circular truss-elements.

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 "OCB" from Kontich (Belgium).

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, if asked Theater Tol can e-mail these in advance.



Stage info

The organizer should provide a stage.

Usually we use a stage of 4m wide, 2 m deep and 2m high, with handrail at the sides and the back of the stage

We need stairs (and handrail) on the side of the stage

Around the stage black cloth should be attached also on the railing.



Pyro

If possible (only EU), Theater Tol can bring their own pyro.

Note, there will be an additional cost involved with this.

Please provide the gear specified below if Theater Tol can't bring the Pyro.

Theater Tol uses ice fountains (cold fire) on the final of the show.

They are mounted on the truss construction (32x) and on the railing of the stage (8x).

Technical info:

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

Theater Tol will bring all gear to ignite the cold fire.

Please provide for each show 40x Gerb T3 20s15 + the igniter wire.



Helium

If travel by Truck: Theater Tol can bring the helium.

Note, there will be an additional cost involved with this.

Please provide the gear specified below if Theater Tol can't bring the helium.

Sufficient helium for 100 balloons (11inch) / show.

Mostly a tank of 40kg is enough.

Please provide a specialised balloon nozzle with the helium tank.

Balloons will be brought by Theater Tol.

Confetti

If travel by Truck: Theater Tol can bring the confetti.

Note, there will be an additional cost involved with this.

Please provide the gear specified below if Theater Tol can't bring the confetti.

Brand: Magic FX

80cm electric streamers shot metallic

Metalic streamers silver

SKU:ES04SLM (metalic, non eco)

SKU:ES04WH (paper, eco variant)

for 1 show:

3 pieces



Brand: Magic FX

80cm electric confetti cannon

Rectangle paper White

SKU:EC04WH

for 1 show:

6 pieces



Sound & Light

The organizer should provide all sound & light gear and build up/down that's specified in this rider.

All gear should be ready 2 hours before the scheduled rehearsal.

Sound

Please provide 1 English speaking sound-technician to assist.

Speaker system

Please provide 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.

Preferred brands: D&b Audiotechnik // L-acoustics // Martin Audio // Electro voice // Meyer sound.

The placement of the speaker system should be discussed with the technical director on location or in advanced.

Mixing console

Please provide a suitable digital mixing console that fits these specifications:

- Minimal 8 input channels
- Each channel will have 4 band full parametric EQ, gate and compressor.
- A 31 band EQ will be inserted on the LR strip
- 4 individual aux feeds to the wireless in-ear systems
- 1 aux feed to hall effect

Wireless systems

Please provide suitable and professional wireless gear. The exact number of mics 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

Preferred brands: Shure // Sennheiser

All wireless gear must be provided with antenna combiner and 2 flag antennas with antenna-boosters (20db boosters). Each antenna will be provided with 20m of cable to the combiner.

3x wireless headset mic systems (SENNHEISER HSP4/ DPA 4088), skin color, must be provided with belt packs. (2 female singers & 1 male singer)

1x spare handheld mic with fall protection (fall protection provided by Theater Tol)

2x wireless clip-on mic systems (SENNHEISER MKE3 gold / DPA 4099) with clips, must be provided with belt packs (for use with Trumpet & violin)

6x In-ear monitor systems provided with belt packs & earplugs.



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Light

The organiser can choose between 3 possible lighting options.

Theater Tol basic lighting set

Theater Tol full lighting set

Without Theater Tol lighting set



Theater Tol basic lighting set:

If possible (only EU), Theater Tol can bring their own lighting set.
The client still needs to provide the gear specified below.

Follow spots

2 identical follow spots, 1200 - 2000Watt HMI. Each follow spot must be default set to open white

Make sure these can be used in rainy conditions

All follow spots must be able to make at least a 180° angle pan area and a 75° tilt angle referencing the horizon

All the follow spots must be placed on a riser, minimum 1 meter above the ground.

The exact position of the follow spots must be approved by our technical director when we arrive at the site.

Follow spot crew

The organiser must provide 2 Dutch or 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.

Intercom system

Channel 1: 2x wired intercom (Follow spot)

Channel 1: 1x wired intercom (FOH: lighting tech)

Channel 2: 1x wired intercom (FOH: Director)

Channel 2: 4x wireless intercom (tol crew: crane attendant, rigger 1, rigger 2, assistant director)

Work light

Please provide extra lighting around the truss area.

This will be used during break down or evening rehearsals

Provide 4x 100w led flood lights or something similar.



Theater Tol full lighting set

Theater will provide all crew and gear, the organiser doesn't need to provide any lighting and communication gear.

We will bring 2 additional crewmembers with us to build and operate the lighting gear.



WITHOUT Theater Tol basic lighting set:

Lighting console:

All fixtures except the follow spots, will be connected through a lighting console.
Local crew will operate this console and will receive lighting cues from our technical director.

Follow spots

8 identical (or 2x4 identical) follow spots, 1200 - 2000Watt HMI. Each follow spot must be default set to open white

Make sure these can be used in rainy conditions

All follow spots must be able to make at least a 180° angle pan area and a 75° tilt angle referencing the horizon

All the follow spots must be placed on a riser, minimum 1 meter above the ground.

The exact position of the follow spots must be approved by our technical director when we arrive at the site.

Follow spot crew

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.

Intercom system

Please provide intercom for our crew specified below:

Channel 1: 8x wired intercom (Follow spot)

Channel 1: 1x wired intercom (FOH: lighting tech)

Channel 2: 1x wired intercom (FOH: Director)

Channel 2: 3x wireless intercom (tol crew: crane attendant, rigger, assistant director)

Stage light

Please provide suitable quality gear that is weatherproof.

- footlight as front lighting for 2 actors on stage. This can be with sunstrip lights, led bars or something similar. Please set the color to 5600 kelvin if its a led source
- Side light (4x LED par) to lighten the actors on stage. Mounted between 1 and 1,8m high.

Work light

Please provide extra lighting around the truss area.

This will be used during break down or evening rehearsals

Provide 4x 100w led flood lights or something similar.



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Infrastructure

Electricity

The organizer / festival provides all necessary power supply:

- **Light & sound:** specified by the sound & light company
- **Stage:** 1x 16A 230V circuit (power for the ignition of the cold fire mounted on the stage)
- **Truss area:** 2x 16A 230V circuits (used for work light near the truss and extra charging points for batteries that Theater Tol uses).
- **FOH:** 1x 16A 230V circuit (used for lighting control of the light setup of Theater Tol).
- **Dressing room:** 3x 16A 230V circuit (used for devices of the artists)

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)

Dressing room needs to be safely locked during performance or night.

Beverages (hot & cold) & bottled water & snacks for 20 people

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

Technical room

In case of 2 day show we need an extra technical room to store all our technical flight cases and show gear during the night.

Shelter near truss area

To store all the technical equipment, we need a shelter placed near the truss area of minimal 3/3m, closed on all 4 sides.

Safety

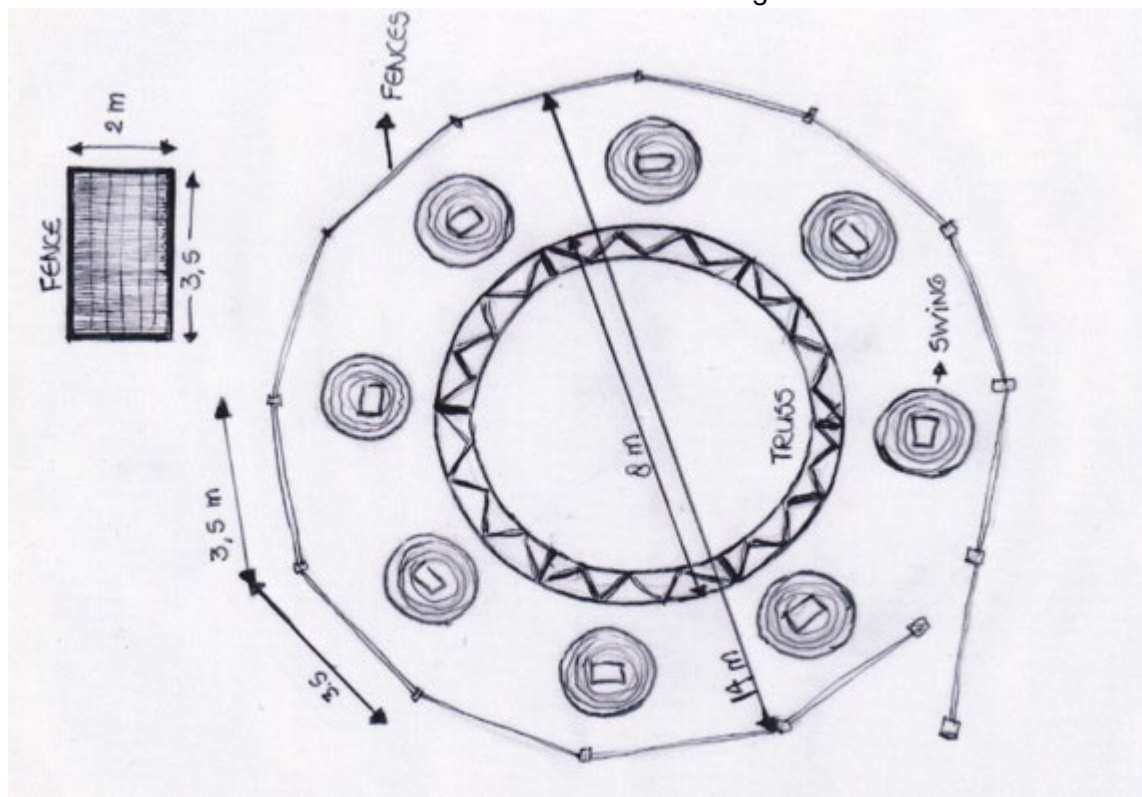
Please provide a gear and people to make sure all safety of the crew can be guaranteed

- Fire-safety: 2 fire-extinguishers (1 powder, 1 co₂) in proximity of the Truss-area
- First Aid kit (Truss area)
- Securing the audience from the crane (fences, security guards,)
- Site needs to be secured during absence of Theater Tol (at night, during meals, ...)



Fences

The truss area needs to be protected and hidden for the public. Here we need fences of minimal 2m high put around the truss area. Please build the fences after the load in of all Theater Tol gear.



Catering

From arrival upon departure the Theater Tol crew needs to have good catering. Giving the Theater Tol crew a per diem (daily allowance) is possible. Note, there will be an additional cost involved with this.

Please provide catering for 20 persons (approximate $\frac{1}{2}$ of the crew is vegetarian, to be confirmed!)

2 full healthy meals / day and night-snack after the performance(s) with easy access and no waiting time.

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



Hotel

Hotel rooms needed, if necessary, it 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 Theater Tol travels by car

Transport

Transport crew

- By car: please provide 6 free & secure parking spaces for cars.
- By train: please provide transport from the railway station to the hotel and back for 20 people.
- By plane: if Theater Tol does not provide the travel (reference quote), please provide a smooth handling as listed below
 - flight tickets for all needed crewmembers.
 - as direct as possible to the nearest airport
 - reasonable flight-hours with meals on board
 - extra check-in luggage for costumes and music-instruments (total number, to be confirmed)
 - airport transfers and all local transport

Transport gear

In EU

Please provide a free and secured parking Space parking for the truck close to the location during the entire period of the Theater Tol presence. (dimensions: L:920 x W:255 x H:360)

The truck needs to be on site while load-in and load-out, directly after the show.

Outside EU

If transport by CARGO (by sea or by plane)

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

Assistance with boarder clearances can be necessary.



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