

# Technical Rider 2024

## Above & Beyond

Customized Aerial Show



### General info

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



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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 6 performers, is 1300 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 12 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 and 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



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## 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.



# 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.**



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# 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 can play sound from our show control computer placed in the FOH.

Please provide 2x 3pin xlr's that can be plugged in to our audio interface.

### **Intercom system**

Please provide a suitable wireless intercom system (Riedel or GreenGo)

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

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





# Light

## **Truss lights**

12 40W led spots will be mounted on the truss faced down on the hanging dancers.  
There will be controlled by a Lumen Radio wireless dmx system Brought by Theater Tol.

## **Lighting console**

Theater Tol will provide lighting technician and a lighting console suitable for controlling all lights and video on our truss.  
If you want to provide more lights, please provide a separate lighting console and technician.

## **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.

# Video

Theater Tol brings all equipment for projecting video images on a large circular movie screen attached to the truss.  
2 small generators will 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.



# 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 11 people to change, minimum 35m<sup>2</sup>, but preferable more.

1 big mirror (man-size)

25 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 12 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

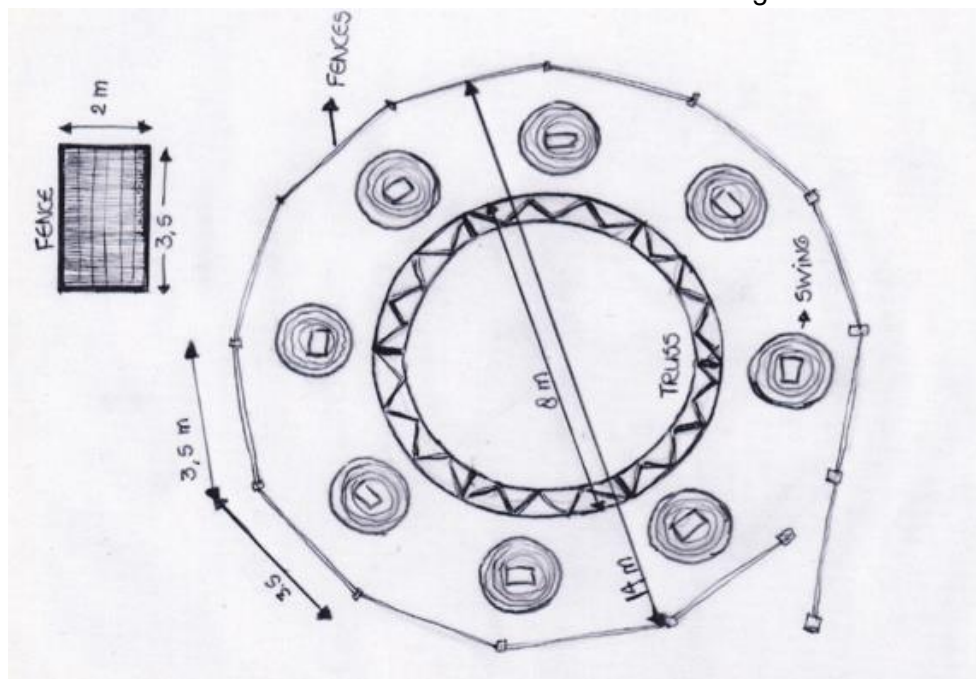
Please provide a gear and people to make sure all safety of the crew can be guaranteed

- Fire-safety: 2 fire-extinguishers (1 powder, 1 co<sub>2</sub>) 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 11 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 11 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



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# 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 11 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 crew members.
  - 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.



# Contact

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