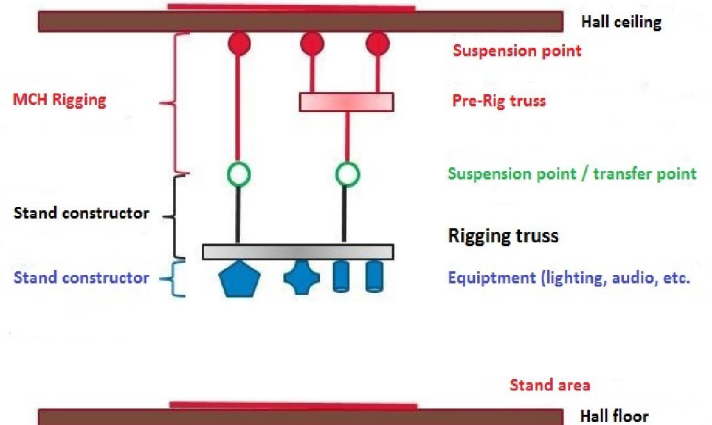


1 Starting situation / Safety regulations and professional standards

For safety reasons, all suspensions attached directly to the hall ceiling must be ordered from MCH Messe Zürich. Third parties are not permitted to attach anything to the infrastructure.

Exhibitors may fasten their structures themselves as of the transfer point. They must observe the relevant specifications of the Federal Coordination Commission for Occupational Safety FCOS/EKAS and the VBG accident insurance. We wish to point out, in particular, that persons conducting planning for event rigging require a Specialist in Event Technology (*Sachkundiger Veranstaltungstechnik*) SQQ2 Level 2 certificate, or equivalent knowledge.

In particular, we would refer exhibitors to information brochure DGUV 215-313 on "Safety for Events and Productions / Overhead Loads". Suspended items are only permitted within the stand area; they must be perpendicular and must not rotate. Since items cannot be suspended from all points in the hall, and the maximum possible transfer heights vary, each stand must be examined individually. In Halls 1-6 at Messe Zürich, rails are mounted in the ceiling to take the suspension points. In Hall 7, the suspension points are mounted at fixed locations. We are providing you with the following information in order to make the ordering process easier for you.



2 Hall plan, exhibition stand

Order a so-called "Rail plan" from Messe Zürich, which will also have your exhibition stand drawn in on it.
[e-mail: bestellungentechnikzh@messe.ch](mailto:bestellungentechnikzh@messe.ch)

Please note the technical data set out below:

- Halls 1 + 2: Construction height max. 650 cm, max. load per point 150 kg; lower section on request.
- Halls 3, 4, 5, 6: Construction height max. 550 cm, max. load per point 150 kg
- Hall 7: Construction height max. 490 cm, max. load on request

3 Determination of overall weight

- a. Please calculate the overall weight (including connection elements, motorised chain hoist, manual chain hoist, lighting, etc.)
- b. On the basis of the overall weight, mark in the number and position of the suspension points you would like on the ceiling plan.

Note: The object must hang straight down and must not rotate.

Example: The overall weight is 476 kg: 150 => at least 4 suspension points required; point spacing at least 1 metre.

4 Position of the suspension points required

– Are the suspension points you wish to have all positioned on our existing rails?

YES:

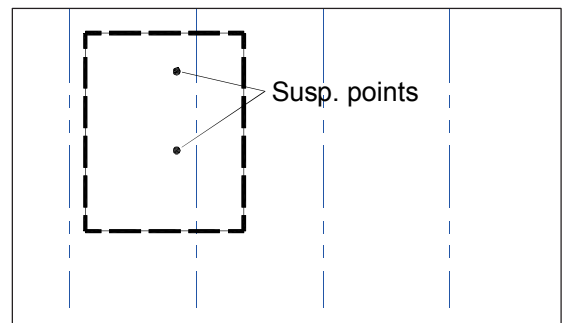
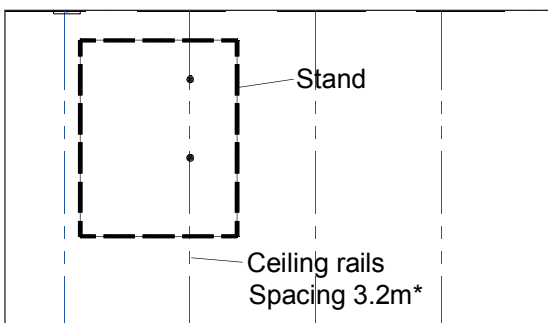
all the suspension points are on the existing ceiling rails. *Example: All the points are on the rail grid.*

Go to Point 5

NO:

all or some of the suspension points are outside the existing rail grid.

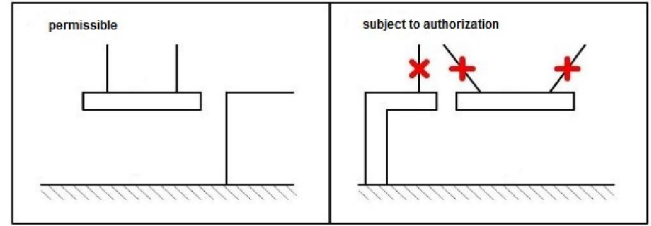
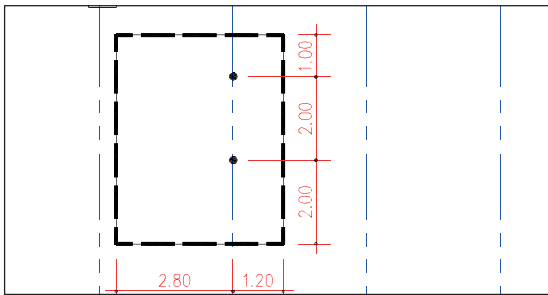
Go to Point 6



* Hall edge zone, lower section of Halls 1 + 2 and Hall 7 on request.

5 On the rail grid: draw in the points, including the dimensions

Draw in all the points on the rail grid and mark in the distance from the stand boundary (zero point) towards the inside.



a. Opt for one of the cable types that we offer. You can choose between:

a) A height-adjustable cable



A frequently used cable, can be adjusted to any desired end height. Final adjustment made by person ordering it. **Go to Point 6**

b) Made-up cable

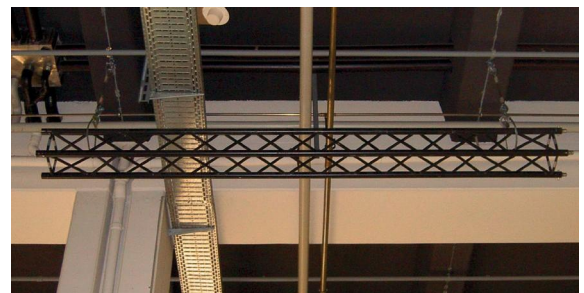
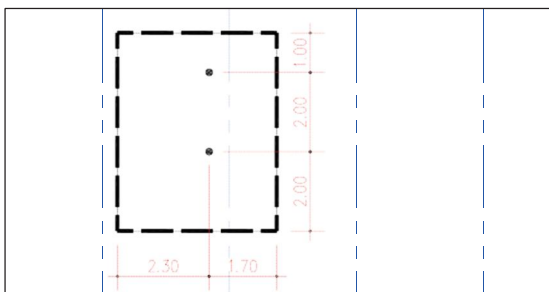


Always ends at the maximum construction height for the hall in question. (cannot be ordered for Hall 7).

6 Outside the rail grid: a pre-rig truss is required

If none or not all of the suspension points you require are on our existing rail grid, we can offer you an auxiliary crossbar (pre-rig truss).

a. Draw in all the points on the rail grid and mark in the distance from the stand boundary (zero point) towards the inside.



Please contact us if you have any questions: MCH Messe Zürich | befestigungenzh@messe.ch
T +41 58 206 50 00
or continue with Point 7

7 Order form

Fill out the order form and send it, together with your plan, to: bestellungentechnikzh@messe.ch
The following documents must always be submitted with the order:

- Top view, with dimensions, of the suspension points on the stand area, observing the ceiling grid sent by MCH Messe Zurich.
- Overall weight determined with a parts list, static calculations for indeterminate systems and overhangs.

We need the following planning documents for the individual case:

- the bending moment analysis and maximum transverse force must be available for the support systems used
- statics calculation for each point (as of 4 suspension points or 600 kg as standard)

- material certificates must be available
- a parts list must be submitted to us as a planning document, all statically indeterminate systems require a certificate.

8 Order processing

The order will be processed as submitted. In the event of deviations from the order submitted, the costs will be discussed with the customer and confirmed in writing.

9 Express supplement

For orders received by Messe Zürich less than three weeks before the first day of the exhibition, a processing supplement of CHF 150 will be charged.

10 Violation/liability

Anyone suspending items from hall ceiling under their own responsibility or not complying with the relevant specifications shall be deemed to have violated the MCH safety and security regulations. If violations of this type are established, an immediate safety check will be carried out at the exhibitor's expense. If the structure does not comply with the safety specification of the DGUV information brochure 215-313, it will be removed at the exhibitor's expense. The exhibitor shall be liable for damage and malfunctions arising from non-compliance with the provisions of the General Regulations, the general provisions in this form or the instructions issued by the exhibition personnel.

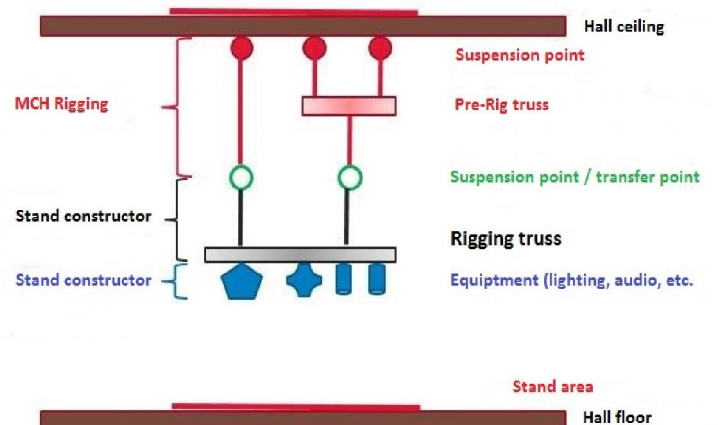
1 Starting situation/safety regulations and professional standards

Stand constructors/event technicians may fasten their structures themselves as of the **transfer point**.

The on-site rigger supervising the assembly work requires a training certificate as a Specialist in Event Technology (*Sachkundiger Veranstaltungstechnik*) SQQ2 Level 1 or equivalent knowledge.

For safety reasons, suspensions that are connected directly to the hall ceiling may only be ordered from MCH Swiss Exhibition (Zurich) Ltd. It is not permitted to fasten items to the infrastructure.

When fastening and mounting items, the relevant specifications of the Federal Coordination Commission for Occupational Safety FCOS/EKAS and the VBG accident insurance must be observed. In particular, we would refer constructors/technicians to information brochure DGUV 215-313 "Safety for Events and Productions / Overhead Loads" Suspended items are only permitted within the stand area and must be perpendicular and non-rotating. Since items cannot be suspended from all points in the hall, and the maximum possible transfer heights vary, each stand must be examined individually.



2 Construction heights/ceiling loads

Please note the technical data set out below:

- Hall 1 + 2: Construction height max. 650 cm, max. load per point 150 kg; lower section on request.
- Halls 3, 4, 5, 6: Construction height max. 550 cm, max. load per point 150 kg
- Hall 7: Construction height max. 490 cm, max. load on request

3 Mounting specifications

3.1 Transfer point



The transfer point will be configured as ordered.

Motorised chain hoists with a BGV D8+ certificate may hold overhead loads without a secondary safety device. The inspection logs must be brought along and presented on request.

- a parts list must be submitted to us as a planning document, all statically indeterminate systems require a certificate. The stand constructor/event technician conducts an on-site check to ensure that the mounting position is correct. Once items are mounted at the transfer point, the pre-assembly provided by MCH Swiss Exhibition (Zurich) Ltd. is deemed to have been accepted.

3.2 Connection elements and slings

Examples of authorised/non-authorised connection elements:

	
<p>O-ring to EN 13414</p>	<p>Height-adjustable slider, as of two points</p>



Suspension with clamps and ring nuts (with a declaration of conformity = CE label)



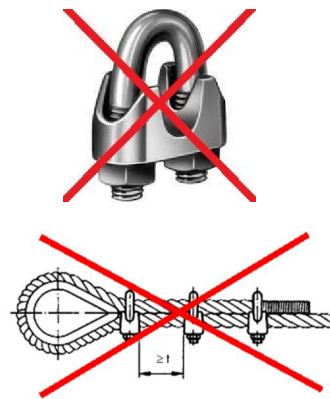
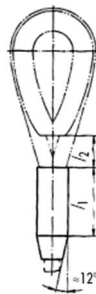
Shackle to EN 16771-1

Carabiner hook



Round sling to EN 1492-2
(must additionally be secured with steel)

Textile ropes



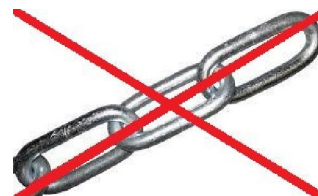
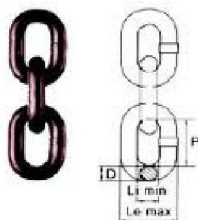
Rope clamps

Rope terminations as per EN 13411-1 Thimbles for steel wire rope slings
EN 13411-1 Ferrules and ferrule-securing



Closed safety hooks
to DIN 15401

Open hooks



Short-link chains, grade 8

Long-link chains

4 Violations/liability

Anyone suspending items from hall ceiling under their own responsibility or not complying with the relevant specifications shall be deemed to have violated the MCH safety and security regulations. If violations of this type are established, an immediate safety check will be carried out at the exhibitor's expense. If the structure does not comply with the safety specification of DGUV information brochure 215-313, it will be removed at the exhibitor's expense. The exhibitor shall be liable for damage and malfunctions arising from non-compliance with the provisions of the General Regulations, the general provisions in this form or the instructions issued by the exhibition personnel.

Information:

MCH Swiss Exhibition (Zurich) Ltd.
Tel. +41 58 206 50 00
e-mail: befestigungenzh@messe.ch