

Equilibrium/Tetrahedron, Messezentrum Basel/Swiss Art Award

2013



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The project

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The construction

Without welding or screwing, the load is transferred purely by the pressure of individual parts lying on top of each other. Without changing the basic elements (tetrahedrons), the rotation of the tetrahedrons opens up four different heights in the set-up (bar/table/chair+bench/salon table). In the construction of four tables stacked on top of each other, a cross-story construct is created, whose load lines are precisely derived. The impression: instability. Fragility dominates the appearance. The consequence The complete load balancing is the result - thus a stable equilibrium is created. Execution and positioning was done in cooperation with the engineer, so the safety aspect could also be taken into account. With their daredevil installation, the creators of the Equilibrium were able to secure a national award at the Swiss Art Awards 2013.



General view

Construction Data

- Steel welded/laid
- Total weight 5000 kg Services Timbatec ConsultingFEM Statics



Detail

Metal worker

Moritz Häberling AG
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Architect ETH SIA by AK GmbH

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