

Dream Big – Prolyte Group launches the BGR70 truss



Prolyte Group continues to innovate and will launch a new truss type at the P+S exhibition in Frankfurt. The BGR70 truss is in essence a low volume truss with extreme load bearing capacity.

The truss can handle large spans as well as extreme loads. A pre-camber system, to guarantee zero deflection, is one of the great features this truss offers. Unlimited Productions, has been instrumental in the development and first deployment of the system.



BGR70

The BGR70 truss is available for the market as of now. Increasing demand for high load bearing truss. Confronted with an increasing demand from the field for high loading capacity truss, Unlimited Productions approached two rigging specialists to see if it would be possible to create an answer to this growing demand with an “out-of-the-box” solution, that would combine the best features of already existing truss systems. Bringing in experience from the field. While the idea was conceptualized they needed to source two invaluable components; thorough static calculations and expert welding and material knowhow.



BGR70-L100

With Ruud de Deugd linking supply and demand, Prolyte could work with Unlimited Productions to thoroughly test this new truss design before releasing it to the market, while Unlimited would have an “on demand” truss system at their availability.

As Ralph Stockley, CCO from Prolyte comments: “Prolyte has done this before, like crowd-sourcing; bringing together market demand and manufacturer expertise can create really valuable products. We always try to have an open eye for opportunities like this”.



BGR70-LUG

Breda based Unlimited Productions, is a full service production company offering technical-, creative concepts, high-end designs and quality event productions. With a diverse client portfolio consisting of event organizations, promoters and multinationals, the company is active on an international scale within the field of live communication. High strength, low volume The BGR70 truss, incorporates the perfect combination of high loading capacity, reduced transport weight and low volume.



BGR70-locking pin

The BGR70 truss has a spatial lattice structure and is made of high-quality aluminium in specially designed rectangular profiles. The BGR70 truss can be used for spans up to 45 meters with a permissible, maximum centre point load of 750 kg.



BGR70 transport

The BGR70 truss is coupled with a special coupling system, made of high rate steel plates, creating a simple, “fool-proof” connection that mounts without the need for tools. The use of these plates also facilitates a pre-camber system, reducing final deflection in the total span where need to zero. This creates the ultimate solution for spans with heavy LED screens, moving systems or performer fly systems, where deflection tolerances are close to zero. Tried and tested Unlimited Productions has used the truss on several occasions so far, thoroughly testing the design in practice before a worldwide release to the market was announced. Their user feedback was integrated in the final design.



BGR70-Lighting bracket reversed



BGR70-Lifting Bracket

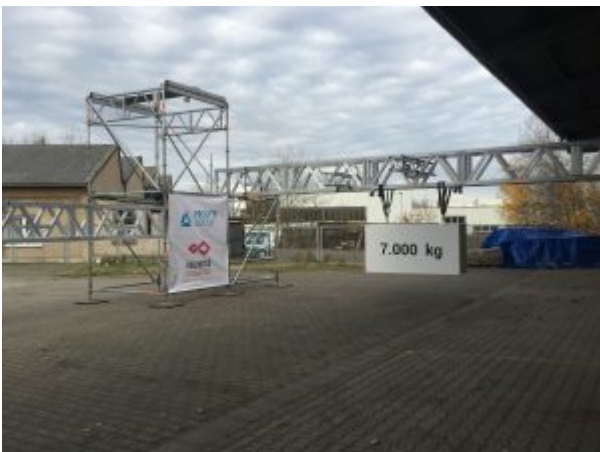
As Ruud de Deugd states: “We have done several tests, which resulted in some minor changes to the original design. We had to be absolutely sure this truss was safe by design and in practice but also had good work floor-behaviour – designing user-friendly and safe truss is high on the priority list of Prolyte”.

Gerrit de Beuze, Rigging Specialist for Unlimited Productions continues: “As the responsible rigger, in my opinion things like user-friendliness, ease of use and handling are valuable points to consider in the design, in the end, that is what makes the difference on the work floor. The integrated lifting bracket is one of those solutions that came out of the designing process, which I think is a real contribution”.



BGR70-PIE

Bart Roelen, Unlimited Productions adds: “We are very happy with this product, for us it offers the perfect combination of unlimited strength and low transport volume –which is really an issue for many production companies nowadays. We are sure other companies, similar to ours, can benefit from a product like this in their production design. It makes me feel proud to know Unlimited Productions was key to the design of this product”.



BGR70-PIE-test weight

Live load test at the Prolight + Sound exhibition Prolyte will feature live load tests during the Prolight + Sound exhibition. You are invited to see the BGR70 truss in action. The live test will be performed several times per day during the show. The Prolyte team, as well as representatives of Unlimited Productions will be at the stand to offer product and user information. Prolyte Group – hall 3.0 E14. More information and technical details can be found on the Prolyte website. www.prolyte.com www.unlimited-productions.com