

# CYLINDER HALL STRUCTURE

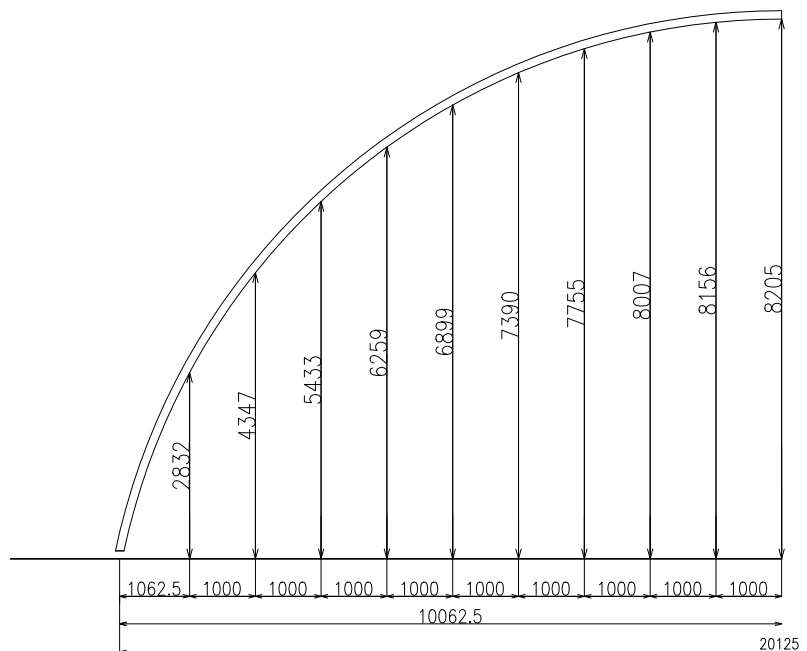
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The supporting structure of the cylinder halls are frames made of steel bent pipes. The distance between the frames is held by purlins made of steel profiles, pin joined with tubular frames. The frames are positioned modularly ( $l_0 = 2.67\text{m}$ ). The transverse stability of the structure is ensured by a steel, tubular, arched main frame, fixed to the ground. Longitudinal stability is ensured by bracings made of steel ropes and steel braces. The structure of the gable walls is made of a system of steel columns. The structure meets the requirements of international construction norms and standards.

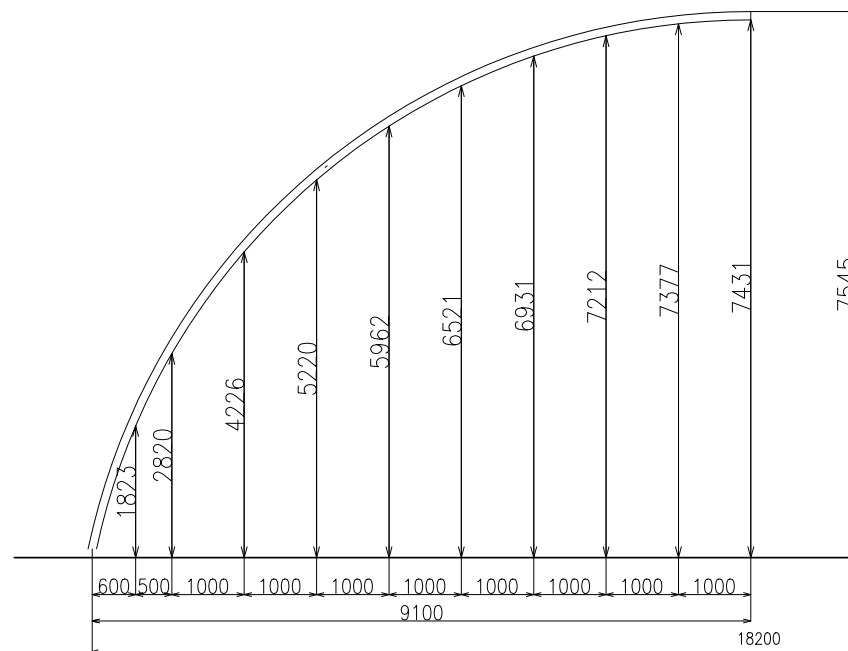
The hall is covered with tarpaulins (one main and two gable) made of high-quality soft polyester coated with PVC, protected against UV rays and mould. The sheathing is classified in terms of flammability as non-flammable, with parameters confirmed by a certificate, impermeable to water, meeting the strength requirements for materials used for tent halls sheathing.



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CYL20.125



CYL18.2

## Purpose:

The CYL tent hall is a modern product for roofing playgrounds for team games, tennis courts, swimming pools, etc., intended for year-round use. The striking shape of the body and high-class performance make a product easy to integrate into the existing architecture.

The tent halls produced by us meet the safety requirements that must be followed in design, calculations, production, and installation according to EN 13782. The construction is made in the EXC2 class according to EN 1090-2 and EN 1090-3 which is confirmed by the CE certificate. The construction is made in the EXC2 class according to EN 1090-2 and EN 1090-3, which is confirmed by the CE certificate.

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