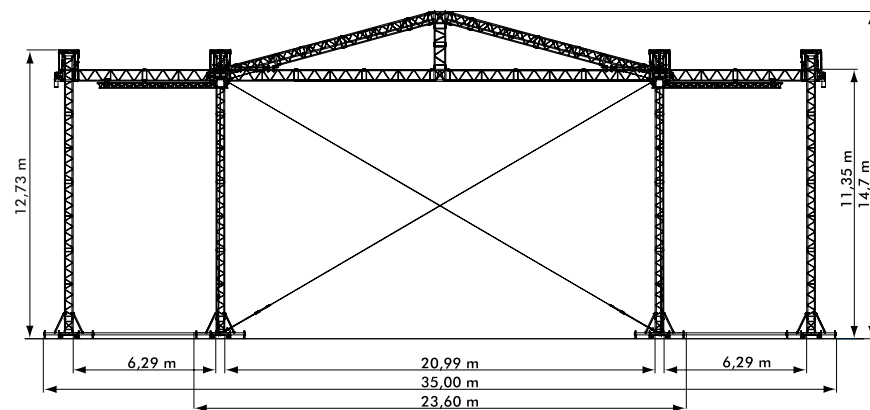


ST ROOF



The ST roof is the larger series of roof constructions manufactured by Prolyte, stage dimensions up to 20 x 14m are available. The ST roof is based on standard ST towers, in combination with a pitched roof, which guarantees optimum strength for the complete construction. The trusses for the main grid are made of heavy duty S52SV truss. The masts from S40T truss have a one sided ladder structure that makes them safe to climb. A ST roof with dimensions of 30 x 20m. is now in development and will be available from June 2006. The construction is similar as the other ST systems, but based on B100RV truss for the main grid and CT towers. Canopy for top, side and back are optional for all roof types, as well as sound wings and a cantilever construction.



TECHNICAL SPECIFICATIONS ST ROOF

Dimensions	16 x 14m	18 x 14m	20 x 14m
Loading capacity (in UDL) approx.	17.500	15.500 kg	14.000 kg
Total weight approx.	7.000 kg	7.250 kg	7.500 kg
Transportation volume approx.	120m ³	120m ³	120m ³
Max. windspeed	28,4 m/s	28,4 m/s	28,4 m/s

All roofs comply with the following standards and regulations:
 DIN 1054, Building Basics
 DIN 1055, Design loads for buildings
 DIN 18800, Steel structures
 DIN 4112, Temporary structures
 DIN 4113, Aluminium constructions
 DIN 3051/3065, Steel wire ropes
 Temporary Demountable Structures.
 British institute of Structural Engineers.

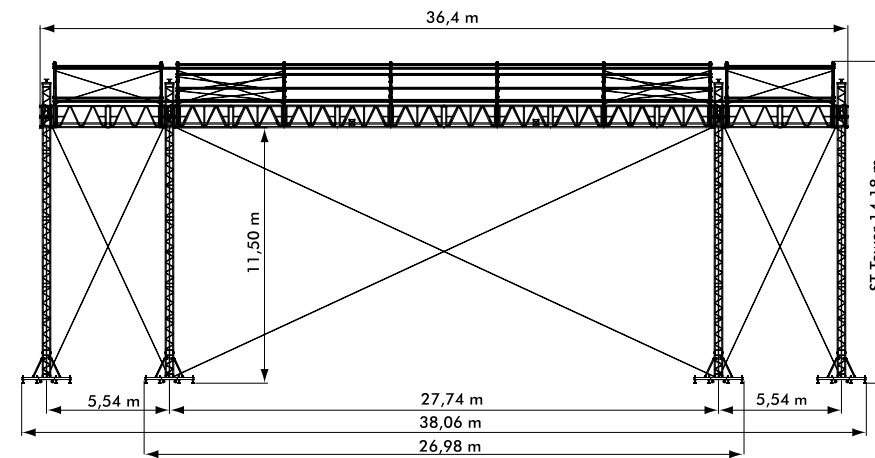
All roofs are delivered with a comprehensive building manual. A structural report is available for each roof on request. All roof systems can be delivered with a "Baubuch".

LT ROOF



The LT roof is pitched in a different direction than the ST or MPT roofs and can be build as easily as the other roof systems. The LT roof has a standard cantilever of 2m at the front side to protect the stage against rain or sun. The LT roof system can either be supported by ST or CT towers. These towers are combined with B100RV truss as main support and S100F folding truss. Special tent profiles with integrated keder profile are mounted on top of the truss by means of adjustable supports.

The adjustable supports make it possible to build the roof in different configurations by simply adding an extra section, varying from 10m till 15m. The total stage width is 25m, the stage depth varies from 10m till 15m. Sound wing grids with an inside width of 4,8m are optional, build likewise to the complete stage. Canopy for top, side and back is optional.



TECHNICAL SPECIFICATIONS LT ROOF

Dimensions	25 x 10m, 25 x 12m, 25 x 15m
Loading capacity (in UDL) approx.	18.000 kg
Total weight approx.	8000 kg
Transportation volume approx.	100m ³
Max. windspeed	28,4 m/s

PROLYTE ROOF SYSTEMS



Prolyte roof systems offer the best possible way to construct a covered space for all your outdoor events. If your event is small scale or a crowd buster, whether it should be robust or stylish, in any type of condition or environment, Prolyte has a solution. Prolyte roof systems have earned a reputation as safe and solid constructions that adapt to all types of applications. Using Prolyte roof systems will benefit all parties involved in an event; technicians, producers, performers and the public.

Apart from the 5 types of standard stages in several dimensions manufactured by Prolyte, special roof constructions are made on request. These custom roofs all are based on the same design principles as the other roof constructions; standard truss, quick and easy assembly, fast building times, compact loading volumes.

Whatever your demands are, Prolyte is able to offer a solution and design a construction to your specifications.



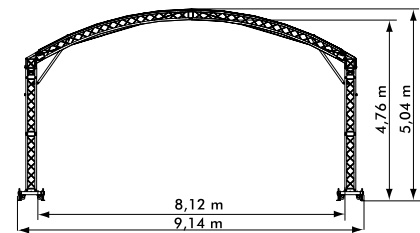
Think Abele GmbH & Co. KG
 Audiovisuelle Medientechnik
 Rudolf-Diesel-Straße 23
 71154 Nuttingen
 Fon: +49 (0)7032 - 9851 - 0
 Fax: +49 (0)7032 - 9851 - 99

Mail: info@thinkabele.de - www.thinkabele.de

ARC ROOF



The ARC roof consists of three inward curved H30D trusses. A hinged connection at the outer ends simplifies the erection of the system. The masts are based on standard H30V truss with MPT base sections, including adjustable outriggers. The connection between the arches and the main grid is made by special corners. Different configurations can be made by changing only the arches. The arched trusses have a keder profile on top that fits the optional canopy to the truss.



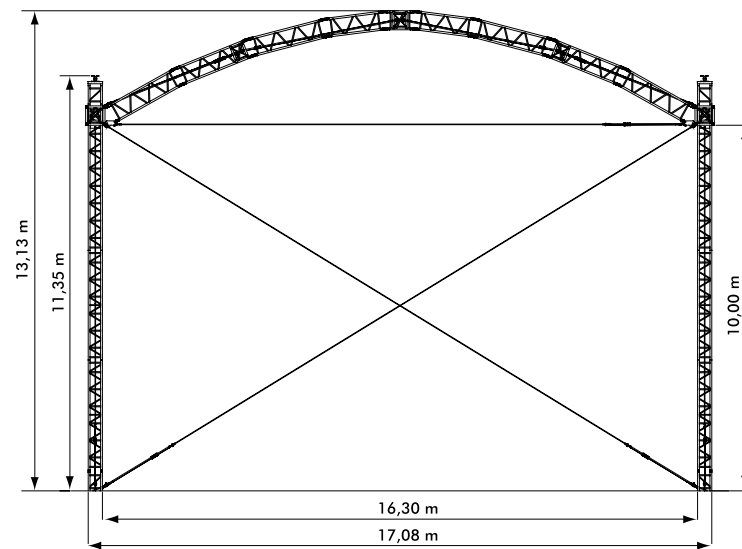
TECHNICAL SPECIFICATIONS ARC ROOF

Dimensions	10 x 8m	8 x 6m	6 x 4m
Loading capacity (in UDL) approx.	1600 kg	1250 kg	750 kg
Total weight approx.	700 kg	650 kg	600 kg
Transportation volume approx.	7m ³	6m ³	5m ³
Max. windspeed	20,7 m/s	20,7 m/s	20,7 m/s

GIANT ARC ROOF



The Giant ARC roof is constructed from 3 or 5 arches made of either S52SV or B100RV truss. A hinge in the bottom connectors and a pen-fork connection with a spreader plate in the top connections gives the complete span the arch needed. Two steel wires per span absorb the arch thrust of the arch. The arches are connected to a standard sleeve block for the S52SV or B100RV truss, which can be combined with either ST towers or CT towers.



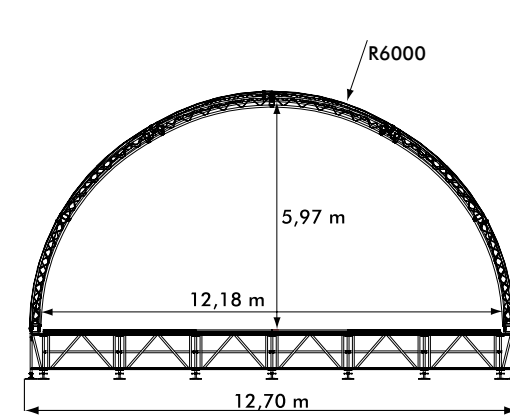
TECHNICAL SPECIFICATIONS GIANT ARC ROOF

Dimensions	20 x 16m	16 x 12m
Loading capacity (in UDL) approx.	15.000 kg	5500 kg
Total weight approx.	2500 kg	2500 kg
Transportation volume approx.	50m ³	50m ³
Max. windspeed	28,4 m/s	28,4 m/s

TUNNEL ROOF



The TUNNEL roof comes in two standard sizes and is based on H30D arches for the 12m roof and H40D arches for the 16m roof. In combination with two corners you can build either a stage of 12m wide, with an H30D arch of 6m height or a stage of 16m wide, with an H40D arch of 8m height. The depth of the stage can be varied in sections of 2m. Each 5th section has to be supported by guy-wires. There is no limit to the depth of the stage.



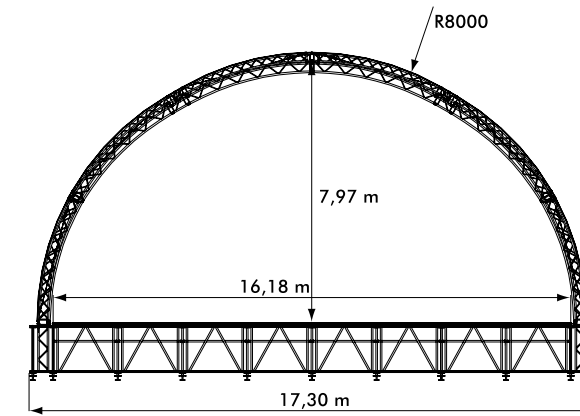
TECHNICAL SPECIFICATIONS TUNNEL ROOF

Dimensions	12m, depth variable, 2m steps
Loading capacity (in UDL)	50-100 kg/m ¹
Total weight approx.	700 kg (6 sections)
Transportation volume	approx. 20m ³
Max. windspeed	28,4 m/s

TUNNEL ROOF



Special adapters provide a connection between the stage floor and the truss arches. The TUNNEL roof is both very compact and strong, due to the arched construction. The TUNNEL roof combines very well with a Stage DEX stage with a Easy Frame B support frame. As the connections for the arcs of the TUNNEL roof are integrated in the stage floor, the whole stage can act as ballast for the roof. A canopy can be fixed to the arcs by means of a keder profile which is welded on top of the arcs.



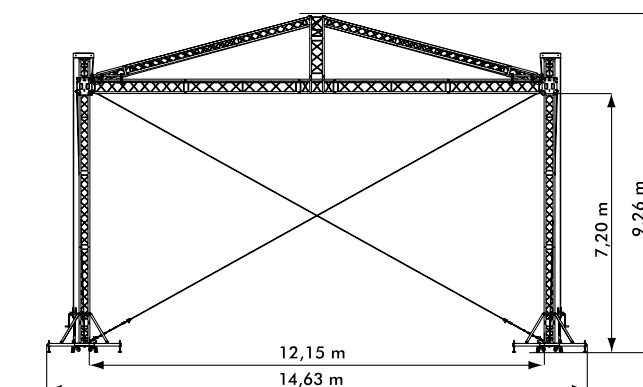
TECHNICAL SPECIFICATIONS TUNNEL ROOF

Dimensions	16m, depth variable, 2m steps
Loading capacity (in UDL)	50-100 kg/m ¹
Total weight approx.	1600 kg
Transportation volume	approx. 45m ³
Max. windspeed	28,4 m/s

MPT ROOF



The MPT roof is based on standard MPT towers, in combination with a pitched roof, which guarantees optimum strength for the complete construction. The multi functional top sections make it possible to move the grid using hand winches or electrical chain hoists. The roof system has an optional cantilever construction at the front side to protect the stage against rain as well as optional sound wings. The MPT roof is deliverable in several standard dimensions. Canopy for side and back is optional.



TECHNICAL SPECIFICATIONS MPT ROOF

Dimensions	8 x 6m, 10 x 6m, 10 x 8m, 12 x 10m
Loading capacity (in UDL)	approx. 2600 kg
Total weight approx.	2,200 kg
Transportation volume	approx. 35m ³
Max. windspeed	28,4 m/s

STAGE DEX



Stage DEX is the perfect staging system to complement your roof construction to a complete system. The Stage DEX Staging system is efficient and lightweight and has a high loading capacity. The decks and support frames can be assembled fast and easy.

Acts as ballast system for roof constructions

The Easy frame B support system is thus constructed that the complete stage floor is interconnected. If the stage is lifted at one end, the complete stage will be lifted. Only constructions that comply to this criteria may act as ballast system for roof constructions. Apart from this fact the Easy frame B is suitable to absorb the horizontal forces resulting from the base sections of the roof towers. Prolyte can supply interfaces for all Prolyte roof systems.

Fit for outdoor use

The use of aluminium for all parts guarantees year long outdoor use with out problems caused by corrosion.

Fit for various brands of stage elements

The top surface of the Easy frame B system is completely even. Prolyte supplies special adapters that fit into the leg clamp system. These adapters secure any type of deck safely to the support frame. There is no loss of loading capacity.

INFORMATION

Ask for the Prolyte brochure or visit our website.

PROLYTE PRODUCTS GROUP

P.O. Box 41, 9350 AA Leek, The Netherlands
tel.: +31 (0)594 85 15 15, fax: +31 (0)594 85 15 16
e-mail: info@prolyte.com, website: www.prolyte.com