



**PROLYTE
STRUCTURES**

Product NEWS



PRERIGTRUSS

Product description:

ProlyteStructures has developed 2 types of trusses and dollies as pre-rig truss for so-called moving heads, automated lighting fixtures.

PreRigTruss Flexible type - S36PRA

This truss has all of the above specifications, but has the extra possibility to mount the fixtures or bars at any required place, due to the flexible cross braces in the top side. These braces are equipped with M12 sliding slots to facilitate placing.

Dolly - S36PRD1

The dolly consists of a framework which folds upwards when the truss is in use, to create a railing and convert the truss into a catwalk style truss. This double function of the railing makes storing the dolly when the truss is in use unnecessary. The dolly is fully adjustable in height and has no loose components, making it easy to handle and mount.



PreRigTruss Flexible type - S36PRA + Dolly - S36PRD1

PreRigTruss Fixed type - S36PRF

The S36PRF has measurements of 360 mm height and 610 mm width and is available in lengths of 2438 mm (8 ft) and 3048 mm (10 ft). The truss has fixed cross and linear braces in the topside; the diameter is 50x4 mm for the main chords and 25x3 mm for the diagonals. The truss can be stacked with or without the additional dolly. The pin-fork connection can rotate to create vertical and horizontal corners, making it possible to build spans as well as goalpost or grid configurations.

WingDolly - S36PRD2

Sturdy dolly that can easily be handles by one person, stacking and tipping is easy. One person can connect the legs, due to the easy lowering and alignment of the truss in the dolly. The dolly has foldable bumpers to improve side protection. The storage volume is 15% less than comparable types on the market.

All dolly are stackable and suitable for forklift handling.



PreRigTruss Fixed type - S36PRF + WingDolly - S36PRD2

ART. CODE	DESCRIPTION
S36PRF-L244	PreRigTruss, fixed, length 8 ft
S36PRF-L305	Pre rig truss, fixed, length 10 ft
S36PRA-L244	PreRigTruss, flexible, length 8 ft
S36PRA-L305	PreRigTruss, flexible, length 10 ft
S36PRD1-L244	Dolly for S36PR truss, wing type, length 8 ft
S36PRD1-L305	Dolly for S36PR truss, wing type, length 10 ft
S36PRD2-L244	Dolly for S36PR truss, length 8 ft
S36PRD2-L305	Dolly for S36PR truss, length 10 ft



PROLYTE STRUCTURES

Product NEWS



FLEXIBLE LAYHER ADAPTER

Product description:

Being one of the mayor suppliers of temporary roof and staging systems, Prolyte Group products are often used in combination with Layher systems. To facilitate the work of our users when building a stage, ProlyteStructures has developed a system to integrate roof system towers and base sections in a Layher stage floor. By integrating and interconnecting these two systems you can create a safe and secure stage system.

Advantages:

- Significant ballast reduction; the self weight of the stage can be subtracted (when stage is sufficiently braced)
- Lateral forces through guy-wiring or wind on the tower sections are absorbed by the substructure
- Clean and even building area for the roof system
- Towers are all build on the same height
- No need to invest in standard base sections
- 100% flexible in x/y direction

ProlyteStructures has created a fully flexible and x/y axis adjustable base system, to take into account that the number of combinations between tower position, stage floor height and position compared to the side of the stage floor are endless.

The size and strength of the components derives from a maximum load structural analysis for the standard LT and ST roof systems. The beams are fitted with a special non-friction based sliding system to allow horizontal forces as well as vertical forces. The frames are utilised to hold crossbeams to accommodate additional ballast. All steel frames are delivered with black powder coating.

ART. CODE	DESCRIPTION
SM-F-LA-ST-MF-L257,2	ST LAYHER BASE MAINFRAME, L=257,2 CM H=100 CM
SM-F-LA-ST-MF-L207,2	ST LAYHER BASE MAINFRAME, L=207,2 CM H=100 CM
SM-F-LA-ST-MF-L103,6	ST LAYHER BASE MAINFRAME, L=103,6 CM H=100 CM
SM-F-LA-ST-MF-L200	ST LAYHER BASE MAINFRAME, L=200 CM H=100 CM
SM-F-LA-ST-MF-L100	ST LAYHER BASE MAINFRAME, L=100 CM H=100 CM
SM-F-LA-ST-CB-L207,2	ST LAYHER BASE CROSSBEAM, L=207,2 CM
SM-F-LA-ST-CB-L200	ST LAYHER BASE CROSSBEAM, L=200 CM
SM-F-LA-ST-CB-L103,6	ST LAYHER BASE CROSSBEAM, L=103,6 CM
SM-F-LA-ST-CB-L100	ST LAYHER BASE CROSSBEAM, L=100 CM
SM-F-LA-ST-FB-L207,2	ST LAYHER BASE FLOORBEAM, L=207,2 CM
SM-F-LA-ST-FB-L200	ST LAYHER BASE FLOORBEAM, L=200 CM
SM-F-LA-ST-FB-L103,6	ST LAYHER BASE FLOORBEAM, L=103,6 CM
SM-F-LA-ST-FB-L100	ST LAYHER BASE FLOORBEAM, L=100 CM
SM-F-LA-ST-BP	ST LAYHER BASE BASE PLATE
SM-F-LA-ST-TBOLT	ST LAYHER BASE T BOLT-HZS38/23 M16 X 50,G8.8

