



**PROLYTE  
STRUCTURES**

Product NEWS



**PreRigTruss Fixed type - S36PRF**

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The S36PRF has measurements of 360 mm height and 610 mm width and is available in different lengths. The truss has fixed cross and linear braces on the topside; the diameter is 50x4 mm for the main chords and 25x3 mm for the diagonals and cross brace. 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.

**Dolly - S36PRD2**

A sturdy dolly that can easily be handled 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 dollies are stackable.



PreRigTruss Fixed type - S36PRF + Dolly - S36PRD2

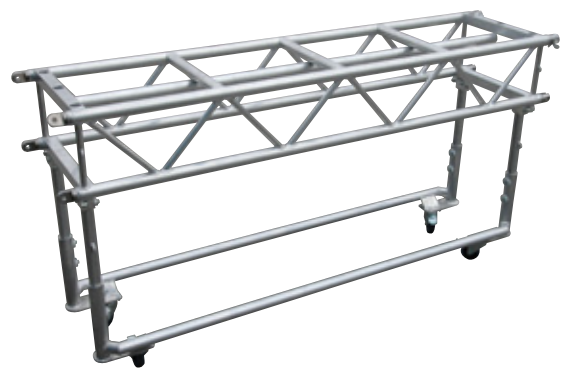
**PreRigTruss Flexible type - S36PRA**

**PreRigTruss Flexible type - S36PRA**

This truss has the same specifications as the fixed type, 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.

**WingDolly - 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 + WingDolly - S36PRD1

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



### PreRigTruss - Allowable Loading

SPAN		Uniformly Distributed Load		DEFLECTION		MAXIMUM ALLOWABLE POINT LOADS												WEIGHT	
		UDL				Centre Point Load		DEFLECTION		Single Load Third Points Load per Point		Single Load Fourth Points Load per Point		Single Load Fifth Points Load per Point					
m	ft	kg/m	lbs/ft	mm	inch	CPL		DEFLECTION		TPL		QPL		TPL		kgs	lbs		
4.00	13.1	1200.6	807.8	13	0.5	2436.5	5377.3	11	0.4	1827.3	4033.0	1218.2	2688.6	1015.2	2240.5	96.7	213.0		
5.00	16.4	770.2	518.3	21	0.8	1925.6	4249.8	17	0.7	1444.2	3187.3	962.8	2124.9	802.3	1770.7	122.9	270.7		
6.00	19.7	526.9	354.5	30	1.2	1580.6	3488.5	24	1.0	1185.5	2616.4	790.3	1744.2	658.6	1453.5	149.1	328.4		
7.00	23.0	380.1	255.8	41	1.6	1330.5	2936.4	33	1.3	997.9	2202.3	665.3	1468.2	554.4	1223.5	175.3	386.1		
8.00	26.2	284.9	191.7	53	2.1	1139.6	2515.2	44	1.7	854.7	1886.4	569.8	1257.6	474.8	1048.0	201.5	443.8		
9.00	29.5	219.6	147.8	67	2.7	988.3	2181.1	55	2.2	741.2	1635.8	494.1	1090.5	411.8	908.8	227.7	501.5		
10.00	32.8	172.9	116.3	83	3.3	864.5	1908.1	69	2.7	648.4	1431.0	432.3	954.0	360.2	795.0	253.9	559.3		
11.00	36.1	138.4	93.1	101	4.0	760.9	1679.4	84	3.3	570.7	1259.5	380.5	839.7	317.1	699.7	280.1	617.0		
12.00	39.4	112.1	75.4	120	4.7	672.4	1484.0	101	4.0	504.3	1113.0	336.2	742.0	280.2	618.3	306.3	674.7		
13.00	42.6	91.6	61.6	141	5.5	595.5	1314.3	119	4.7	446.6	985.7	297.8	657.1	248.1	547.6	332.5	732.4		
14.00	45.9	75.4	50.7	163	6.4	527.7	1164.6	139	5.5	395.8	873.5	263.9	582.3	219.9	485.3	358.7	790.1		
15.00	49.2	62.3	41.9	187	7.4	467.2	1031.1	161	6.3	350.4	773.3	233.6	515.6	194.7	429.6	384.9	847.8		
16.00	52.5	51.6	34.7	213	8.4	412.6	910.6	185	7.3	309.5	683.0	206.3	455.3	171.9	379.4	411.1	905.5		
17.00	55.8	42.7	28.7	241	9.5	362.9	801.0	211	8.3	272.2	600.7	181.5	400.5	151.2	333.7	437.3	963.2		
18.00	59.0	35.3	23.7	270	10.6	317.3	700.2	239	9.4	238.0	525.2	158.6	350.1	132.2	291.8	463.5	1020.9		
19.00	62.3	29.0	19.5	301	11.8	275.1	607.1	269	10.6	206.3	455.3	137.5	303.5	114.6	253.0	489.7	1078.6		
20.00	65.6	23.6	15.9	333	13.1	235.8	520.4	302	11.9	176.8	390.3	117.9	260.2	98.2	216.8	515.9	1136.3		

1 inch = 25,4 mm | 1m = 3.28 ft | 1 lbs = 0,453 kg

WHEN DOLLIES ARE NOT MOUNTED ON THE TRUSS THE LOADING COULD BE INCREASED WITH 12 KG PER METER

- Loading figures only valid for static loads and spans with two supporting points
- Spans must be supported at each end
- If dynamic loads or wind loads are involved, or more supporting points are applied, contact a structural engineer or Prolyte Customer Service
- Loading figures are based on German DIN standards; to comply with BS 7905-2 / ANSI E1.2-2006 / CWA 15902-2, the loading data must be multiplied by 0.85
- The self-weight of the trusses has already been taken into account
- ProlyteStructures can create custom-made pieces on request

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