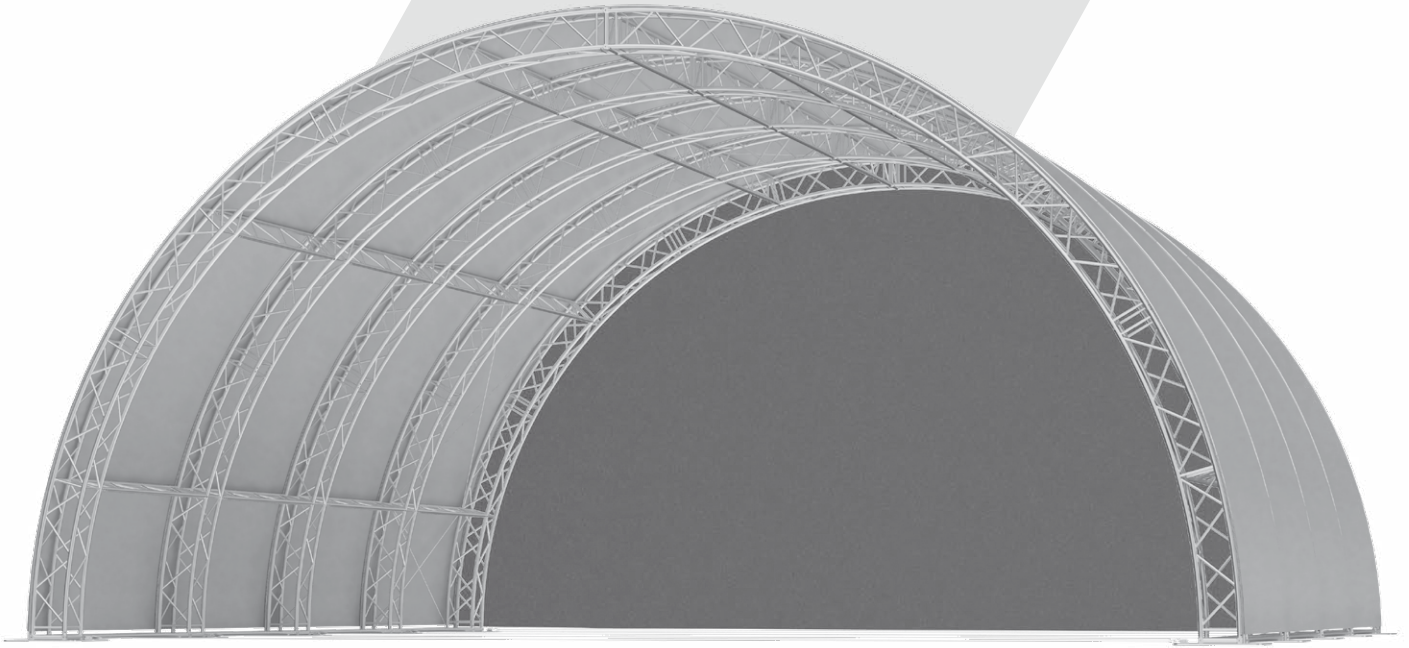




ROOF ARC 12 x 12 x 6 m

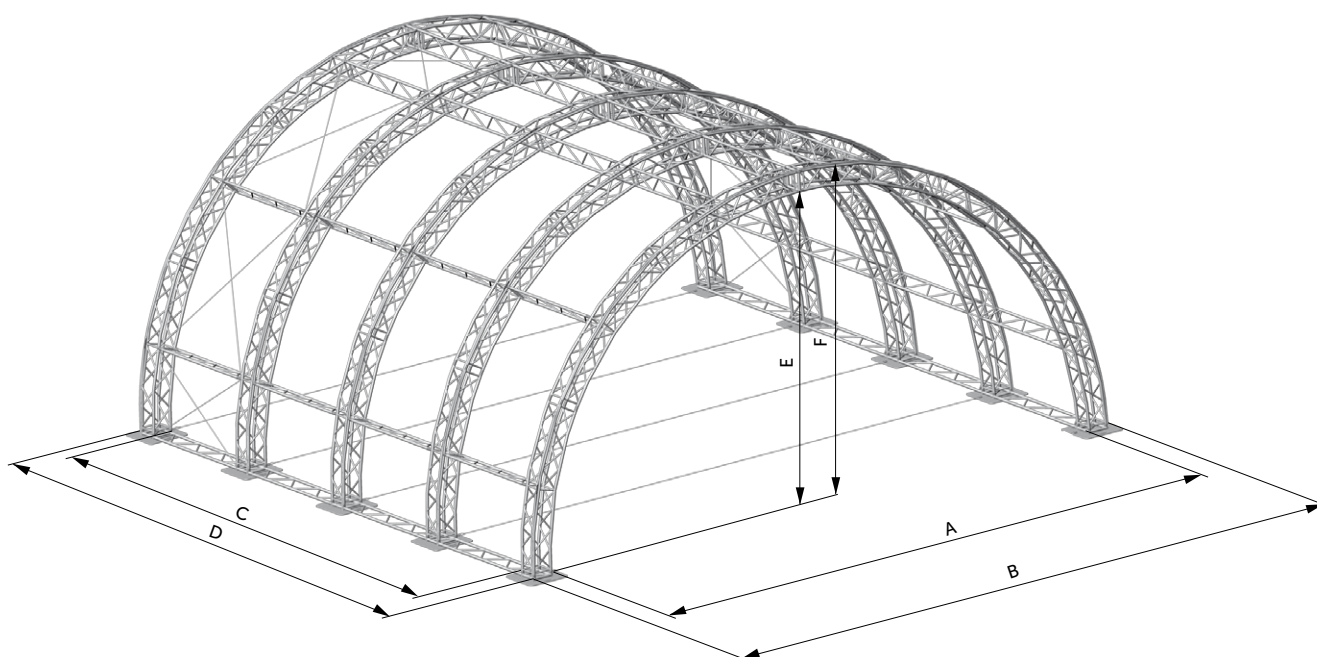
Roof Arc 12 x 12 x 6 m (39.37 x 39.37 x 19.67 ft) is a tunnel roof system made of five aluminium truss arches. The tunnel design of temporary roofs provides extreme versatility for event management and show planning, as the arches feature impressive clearance and, at the same time, high loading capacity.

USED CONSTRUCTION SYSTEMS

Arcs	HT44
Rafters	HT42

SPECIFICATIONS

Max. dimension	12.5 x 12.5 m (41 x 41 ft)
Max. stage size	11 x 11 m (36.1 x 36.1 ft)
Max. clearance	4.6 m (15.1 ft)
Max. height	6.07 m (21.98 ft)
Max. load bearing capacity	10 000 kg (22,046 lbs)
Total weight of construction	2150 kg (4,739 lbs)



STAGE MEASUREMENTS

STAGE SIZE	Inside width	Overall width	Inside depth	Overall depth	Clearance	Height
	A	B	C	D	E	F
11 x 11 m (36.09 x 36.09 ft)	11.25 m (36.91 ft)	12.45 m (40.85 ft)	12 m (39.37 ft)	12.4 m (40.68 ft)	5.67 m (18.59 ft)	6.09 m (19.96 ft)

WIND MANAGEMENT

Wind resistance is calculated with 5 PVC canopy stripes applied to the structure creating a fully covered structure from the top side (front and rear walls of the tunnel are open). The last arched section of roof must be secured by guy wire cross bracing at all times as well as the bottom steel base plates connected to each other by steel rope bowstrings.

In service max. allowed windspeed - 20 m/s - 72 km/h - 45 mph.

BALLAST

	12 x 12 x 6 m (39.37 x 39.37 x 19.69 ft)
Min. ballast for each base plate	2600 kg (5,732 lbs)
Total ballast	26 000 kg (57,320 lbs)

All base plates must be lain on the ground at all time.