

# Outdoor roof systems

## 65 x 45 Ladder roof with PA wings

The 65 x 45 ladder roof, with 24 x 22 PA wings on each side, is the newest member of TOMCAT roof systems and is similar to the 45 x 45 ladder roof. It is designed to meet customer demands for a more economic truck pack without sacrificing its loading capabilities. Constructed with an optional perimeter of folding 20.5" x 30" truss, it uses a system of single truss ladders to form the internal grid. The ladders are joined by TOMCAT's own unique intersection spigot connection. The use of the folding box truss, along with the ladder grid, allows for compact shipping and storage. Due to its unique design, it still provides for a maximum uniformly distributed load of 20,000 pounds (9,072 kg) and 22,000 pounds (9,979 kg) max. load per wing. Available in smaller configurations, the 60' x 40' (18.28 m x 12.19 m) is shown here without the rafters for the canvas or the guy wires, which are required for outdoor use. It provides a safe operating wind speed of up to 67 mph.



