



TRITON MAXX Symmetric Polycarbonate Canopies

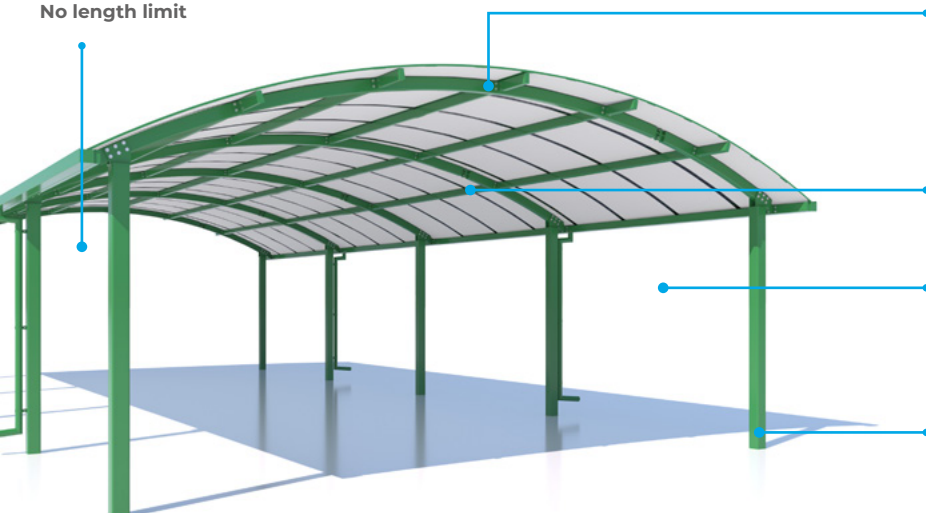
With its unobtrusive curved roof design, the TRITON Maxx can be constructed in widths of up to 15 metres as clearspan structures, and more with the use of intermediate columns. This level of versatility and the aesthetically pleasing design has established the TRITON Maxx as a favourite for outdoor dining areas, social spaces and playgrounds, as well as many other uses.

TRITON canopies are based around a modular design theme, providing a consistent aesthetic and efficient cost structure with the flexibility for specific site requirements and constraints. All of our TRITON canopies are designed and manufactured in accordance with BS EN 1090 EXC 2 accreditation, offering outstanding durability from an all-steel frame with polyester powder coat finish, multiwall polycarbonate roof panels, aluminium glazing system and galvanised steel rainwater goods.

The standard roof specification is the advanced multiwall polycarbonate providing a bright atmosphere without glare, with our proven aluminium glazing system ensuring a reliable and easy to maintain roof cover for the long term. The 25-year structure and 15-year roof covering warranties provide long term peace of mind, with aftercare packages available for periodic inspection and cleaning.

TRITON delivers cost-effective covered space and walkways for use in all weathers, that can be further enhanced with glass or polycarbonate vertical cladding for more exposed locations.

No length limit



Roof Type

Multiwall polycarbonate is the most popular roof cladding for TRITON canopies, offering a balance of light transmission and minimal glare, while other options like clear solid polycarbonate and profiled steel sheet are also available for bespoke designs.

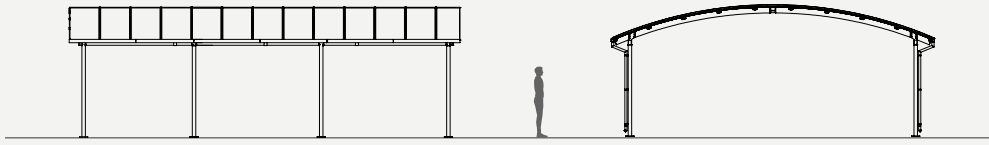
Clear span widths of up to 15m

Options

TRITON Maxx canopies can be further enhanced with glass or polycarbonate vertical cladding for more exposed locations

Post Centres

Standard post centres are between 3.5m and 5.5m with variations within the structure possible to avoid doorways, access routes or underground services



Design Features



Glazing & Rainwater Systems

Aluminium roof glazing system and galvanised powder coated steel rainwater systems for long term reliability.



Design Form Flexibility

The roof radius and column positions can be adjusted to suit adjacent building design.



Light Transmission

This must be considered for the use type and the roof cladding can be specified to suit the application.



Roof Cladding Options

Select from multiwall polycarbonate or clearview solid polycarbonate panels.



All Weather Protection

Enclosure options include solid or multiwall polycarbonate, planar glass and aluminium glazed curtain walling.



Confidence in Accreditation

Streetspace design, manufacturing and construction processes are accredited to ISO9001, ISO14001 and BS EN 1090 CE EXC 2.

Product Specification

TRITON canopies are available with a number of different forms and support options. Projects are surveyed and modelled prior to detailed design commencement, incorporating existing levels, service cover locations and adjacent door and window positions.

Canopy Form

With each structure being individually designed, the radius of the TRITON Maxx can be adjusted as required to fit with adjacent buildings.

Canopy Support

As well as the standard freestanding design, TRITON canopies are available as either cantilevered structures or wall mounted, providing the wall meets the appropriate structural requirements.

Canopy Dimensions

TRITON Maxx canopies can be constructed in widths of 1m - 15m as clearspan structures. Wider spans can be achieved using intermediate columns, there is no limit on the length. Standard post centres are between 3.5m and 5.5m with variations within the structural design achievable to avoid doorways, access routes or underground services.

Canopy Options

Lighting

Various lighting solutions are available to extend safe use of your covered space or walkway outside of daylight hours.

IR Heaters

External grade radiant electric heaters can be fitted to TRITON canopies to provide warmth to users in colder weather.

Timber Post Cappings and Protector Pads

Adding timber post cappings can help soften the appearance of a steel frame structure. Foam protector pads with heavy duty PVC covers can be fitted to canopy posts for structures situated in play areas.

Rainwater Systems

TRITON canopies are designed with integral steel guttering and custom manufactured aluminium downpipes. Colour powder coated finishes match the canopy steel frame for long term durability and ease of maintenance.

Fame Finishes

Highly durable polyester powder coatings are applied as the standard finish on steel frame ORION canopies with colours selected from a basic range or from the RAL colour selector. Steelwork is cold grit-blasted to SA2.5, with a zinc coating and anti-corrosive primer, followed by the high gloss polyester colour powder coat finish. Alternatively, hot-dip galvanised coatings can be specified for the harshest environments where a decorative finish is not required.



Hot-Dip Galvanised

Colour Polyester Powdercoat

