

AXe | STRUCT



AXE^{CP} Car Port Exclusive

Durable

Coated steel solution for the toughest environmental conditions. Hot-dip galvanised steel columns.

Innovative

All Cantilever system providing space for vehicle doors and eliminate support collisions

Trust

Conservative coefficient selections in structural design to assure resistance to failure.

Effortless

Innovative design for time-saving installation methods with a modular and practical integrated solution.

Technical

Steep Terrain

Cross brace in selected bays if row angle is more than 2%

Module Layout

Landscape / Horizontal: Single Up to 6 high or Double Up to 12 high
Portrait / Vertical: Single Up to 3 high or Double Up to 6 high

Module Inclination

5° to 10° angle

Width and Height

Thermal gap within 35 meters increments of table length
Lowest panel at maximum 3.2 meters
For higher canopies standard sized posts will be scaled accordingly
Post height is customisable to accommodate terrain variations

Foundation

Footplates and flanges connected to casted threaded rods

Support Spacing

2 or 3 park bays (up to 5.4 or 7.8 meters)
End overhang of up to 2.3 meters
Diagonal support or haunch design available

Materials

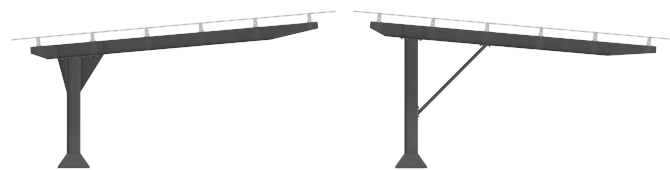
Rafters, Posts: Hot-dip galvanised steel (S355)
Rails & Brackets: Hot-dip galvanised steel (S355)/Aluminium (6063 T6)
Small parts: Hot-dip galvanised steel (8.8)
Stainless steel (A2)
Extruded aluminium (6063 T6)

Corrosion Protection

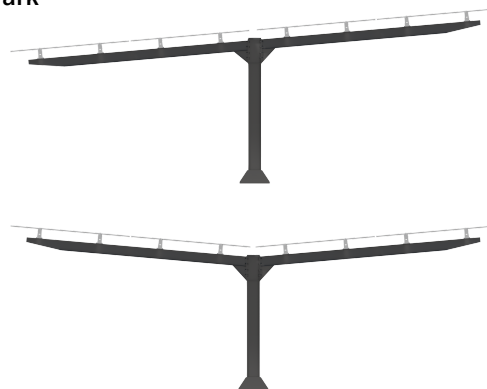
C3: Hot-dip galvanised steel/ZAM310
≥C4: Galvanised steel + duplex coat & zinc flake fasteners

Configurations

Single Park



Double Park



Additions

Cable trays along rails and cable clips to panel frames
End caps for rails

Standard Features



Aluminium & galvanised steel



Fixed Tilt



Eurocode & SANS Compliant



10 Year Warranty



ISO 9001 Certified