

High Peak Concert Stage Shelter Marquee Tent Blackout Acoustic Lining Riggable Aluminum Frame

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Tendars
- Certification: ISO9001, SGS, COC, CE
- Model Number: TDS-HP20X50
- Minimum Order Quantity: 200 square meters
- Price: USD 52-72 / Square Meter
- Packaging Details: Frame in steel reinforced timber bundles, blackout lining in bay numbered bags with lifting slings, rigging hardware in an iron case
- Delivery Time: 25 days production after deposit and drawing approval. Sea freight time depends on your destination port. Installation time varies with the project and site access.
- Payment Terms: T/T 30% deposit, balance before loading; L/C at sight
- Supply Ability: 50000 Square Meters per Month



Product Specification

- Span Width: 20m
- Length: 50m (10 Bays Of 5m)
- Eave Height: 4m
- Ridge Height: 8.4m
- Floor Area: 1000 Square Meters
- Area Per Guest: 1.2 To 2 Sqm, 500 To 830 Guests
- Main Frame: 203 X 112 X 4mm Aluminium 6061/T6
- Base Plate: 350 X 350mm Hot Dip Galvanised Steel
- Rigging: 250 Kg Per Node Typical, Six Nodes Per Bay, Stamped Drawing
- Lining: 340gsm Blackout Acoustic Lining
- Stage Opening: 12m Wide By 7m High At The Front Gable
- Frame Life Span: 20+ Years
- Production Time: 25 Days
- Highlight: **concert stage marquee tent**,

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Product Description

20m x 50m concert and stage shelter

Most marquee quotes fail on one line: rigging. A promoter arrives with three tonnes of truss and asks where it hangs. This frame is built to answer that question.

Details

203 x 112 x 4mm main beams, an 8.4m ridge so the truss sits above the sight line, and a 12 x 7m front opening that a stage deck can be driven through. The wall panels hang on keder rails with quick release tensioners - one person strips a 5m panel in four minutes during load out.

Area guide: 1.2 to 2 sqm per guest. 1000 sqm holds 500 seated at round tables or 830 standing.

Blackout matters in daylight. The 340gsm lining is hung 150mm inside the roof on its own rail, so daylight does not leak through the seams during a matinee soundcheck.

Size range and options

Span: 20m. Range 10m to 40m.

Length: 50m, any multiple of 5m. Festivals often take 60m to 80m.

Eave: 4m. 5m for a two level stage deck.

Opening: 12m x 7m front gable, or 16m with a deeper truss beam.

Extras: blackout lining, roof vent, stage skirt, cable ramps, 200 lux work light, distribution board.

Main components

Frame. 203 x 112 x 4mm aluminium 6061/T6, galvanised connectors, 350 x 350mm base plates. 20+ years of frame life.

Covers. 900gsm blackout outer fabric, 340gsm acoustic lining inside, both flame retardant to DIN 4102 B1. White outer available.

Rigging. Galvanised steel rigging plates at the purlin nodes, sized by calculation, with a stamped drawing for the venue.

Specification

Item	Specification
Clear span / length	20m / 50m, 10 bays of 5m
Eave / ridge	4.0m / 8.4m
Frame	203 x 112 x 4mm aluminium 6061/T6
Rigging	250 kg per node typical, six nodes per bay
Fabric	900gsm blackout outer, 340gsm blackout acoustic lining
Stage opening	12m x 7m front gable with truss beam
Frame life	20+ years

Rigging: what we can and cannot promise

Send the truss drawing and the site wind speed. We return a load table and a marked drawing in five working days. Anything above 1.5 tonnes flown on a 20m span needs a ground support truss inside the tent - that is the stage company's scope and we build the tent around it.

Acoustically, the lining drops reverberation on 1000 sqm from about 4.2 seconds to 1.9. That is the difference between a punchy kick drum and a wash of noise.

Production and installation

25 days production after deposit and rigging approval, plus freight. Eight workers, six to eight days including lining.*Installation is quoted separately: labour, air tickets, visa, food and accommodation are paid by the buyer. Send us the site address and we confirm crew size, days and cost.*

FAQ

Can we hang a line array? Up to 250kg per engineered node, six nodes per bay, with our stamped drawing. Above that, ground support.

Is the blackout really black? The shell is 900gsm black PVC. Interior is matte black lining. No light passes through the roof, seams or gable.

What wind does it take? 0.5 kN/sqm, about 130 km/h in open ground. In a city square between buildings, expect 20 to 40 percent more at the corners and we add anchors accordingly.

Guangzhou Tendars Tent Co., Limited

0086 13640286461 amanda@marquees-tent.com marquees-tent.com

No.319, 2nd building , 8th zone , Aoyuan city plaza , Zhongcun Street, Guangzhou, Guangdong, China