

*Shaping  
the Future  
through*  
**Aluminium  
Structure**

# About Us

Padmawati Extrusion an ISO Certified company with abundant experience in design, supply & customisation of Aluminium Sections required for German Hanger started manufacturing of German Hangers & Pagodas in April 2024.



Over 25 lakh square meter hangers successfully installed across pan India in last 3 to 4 years.



1 lakh square meter raw material for German Hanger ready in factory reduces lead time from months to a few weeks.



With abundant experience in Aluminium Extrusion field and technical experts for German Hangers we have helped 500 customers to generate revenue of 1000 crores.



We have supplied German Hangers across pan India in sizes from 6 meter to 60 meter.



**CPWD**

Approved vendor for CPWD, Defence & many more Government PSU's.

## Vision

To become the India's Premier German Hanger Manufacturer and to shape a sustain future of our country through innovative, affordable customised solutions.

## Mission

Provide quality custom & innovative solutions to meet ever changing customer's needs.



# Why Us



Abundant Experience in Aluminium Sections which is the main component for German Hangers & pagodas.



Minimum lead time by 50%.



In house R&D team for customised solutions for German Hanger & Pagodas.



Value for money prices every time.



Clients who have worked with us have saved costs in German Hanger anywhere between 10 to 15%.



Aluminium Sections are procured from reputed suppliers in Alloy 6082 T6 which is the most suitable alloy for German Hangers.

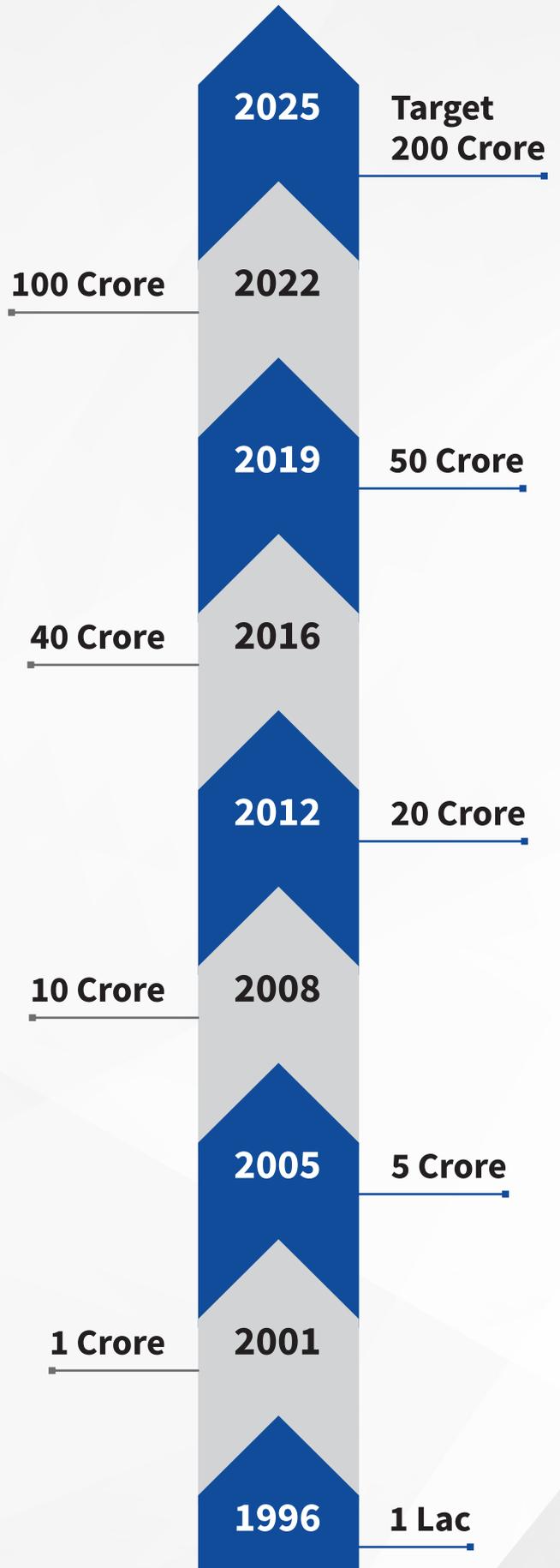


Structural & Design Approval by IIT Delhi



German hangers are manufactured as per DIN Standard 13872.

# Our Journey



# About German Hangers

German Hangers are temporary structures made from Aluminium 4 channel sections which are used as pillars, rafters, purlins.

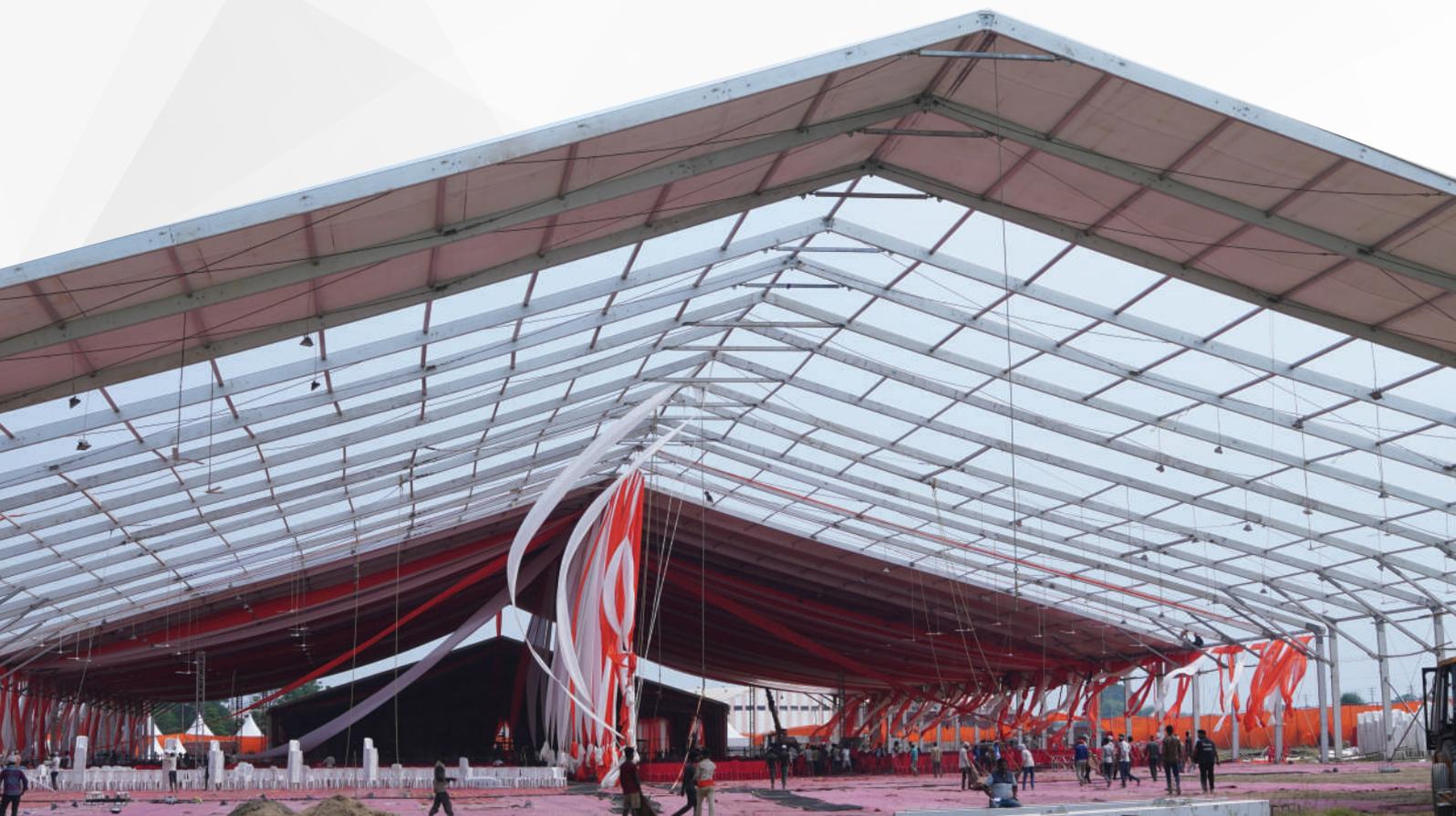
4 Channel Aluminium sections are used in alloy 6082 T6 which is most suitable for German Hangers

All the Aluminium Sections used for German hangers are duly anodised to avoid corrosion,

All the steel components like base plate, pillar plate, centre ridge connector and other components are manufactured from High tensile steel and hot dip galvanised to avoid corrosion.

Roof & Wall coverings in the Hangers are made from high tensile fabric & are of 800/850/885 GSM Blackout UV, FR, Bothside Lacquered fabric used are specially designed to meet structural requirements & quality standards. Also we can provide more options for roof & wall covering like insulated sandwich panels, glass façade, acp cladding and many more options are available as per customer requirements.

Test Reports pertaining to Aluminium Sections, Steel components & fabrics are provided along with the supplies. Standard Structure are designed to withstand wind load of 5kN/m<sup>2</sup> i.e. wind speed of 102 km/hr. However customisation options are available to withstand high wind loads as per customer requirements.



## Various Sizes of Aluminium German Hanger

S. No.	Hanger Width (m)	Side Height (m)	Ridge Height (m)	Bay Distance (m)	Roof Pitch / Angle	Hanger Profile (mm)	Gable Profile (mm)	Wind Load (Km/h)
1	6 Mtr	3 Mtr	4.3 Mtr	5 Mtr	4/12 < 18	120 X 80 mm	100 X 70 mm	100 Kmph
2	10 Mtr	4 Mtr	5.9 Mtr	5 Mtr	4/12 < 18	120 X 80 mm	100 X 70 mm	100 Kmph
3	12 Mtr	4 Mtr	6.3 Mtr	5 Mtr	4/12 < 18	150 X 120 mm	100 X 70 mm	100 Kmph
4	15 Mtr	4 Mtr	6.7 Mtr	5 Mtr	4/12 < 18	150 X 120 mm	100 X 70 mm	100 Kmph
5	18 Mtr	4 Mtr	7.3 Mtr	5 Mtr	4/12 < 18	206 X 120 mm	120 X 80 mm	100 Kmph
6	20 Mtr	4 Mtr	7.6 Mtr	5 Mtr	4/12 < 18	206 X 120 mm	120 X 80 mm	100 Kmph
7	25 Mtr	4 Mtr	8.6 Mtr	5 Mtr	4/12 < 18	206 X 120 mm	120 X 80 mm	100 Kmph
8	30 Mtr	5 Mtr	10.3 Mtr	5 Mtr	4/12 < 18	263 X 120 mm	120 X 80 mm	120 Kmph
9	35 Mtr	5 Mtr	11.6 Mtr	5 Mtr	4/12 < 18	263 X 120 mm	150 X 120 mm	120 Kmph
10	40 Mtr	6 Mtr	12.8 Mtr	5 Mtr	4/12 < 18	300 X 120 mm	150 X 120 mm	120 Kmph
11	50 Mtr	6 Mtr	14.3 Mtr	5 Mtr	4/12 < 18	334 X 120 mm	206 X 120 mm	120 Kmph
12	60 Mtr	6 Mtr	16 Mtr	5 Mtr	4/12 < 18	400 X 120 mm	252 X 120 mm	120 Kmph

## Various Sizes of Aluminium Pagodas

S.No.	Pagoda Width (m)	Side Height (m)	Ridge Height (m)	Pagoda Profile (mm)	Wind Load (Km/h)
1	3 M X 3 M	2.5 Mtr	4 Mtr	70 X 70 mm	50 Kmph
2	4 M X 4 M	2.5 Mtr	5 Mtr	70 X 70 mm	50 Kmph
3	5 M X 5 M	2.5 Mtr	5 Mtr	70 X 70 mm	50 Kmph
4	6 M X 6 M	2.5 Mtr	6 Mtr	70 X 70 mm	50 Kmph
5	10 M X 10 M	2.5 Mtr	6 Mtr	120 X 80 mm	50 Kmph
6	10 M Double Deck	2.5 Mtr	6 Mtr	120 X 80 mm	50 Kmph

# Advantages of Aluminium German Hanger

- Easy to install
- Easy to Transport from one place to other
- Less time for installation & de installation.
- No Heavy Machinery required for installation.
- Large clear Span
- 100% relocatable
- 100% water proof, uv resistant & fire retardant.
- Structure width & length if designed accordingly can be increased or decreased in future.
- Modular Structures are used & are extremely flexible.
- Return on Investments is comparatively on higher side.



# *Advantages of* **Aluminium Pagodas**

- Aluminium Pagodas are easily defined by their high peaked roof.
- Various design as per customer requirements can be made.
- Standard Sizes available in square size of 3 meters to 10 meters.
- Easy & quick installation of structure, roof & side wall fabrics.



# Political & Social Rally



# Sports & Games



# Religious Gathering



# Hospital & Isolation Center



# Marriage & Celebration



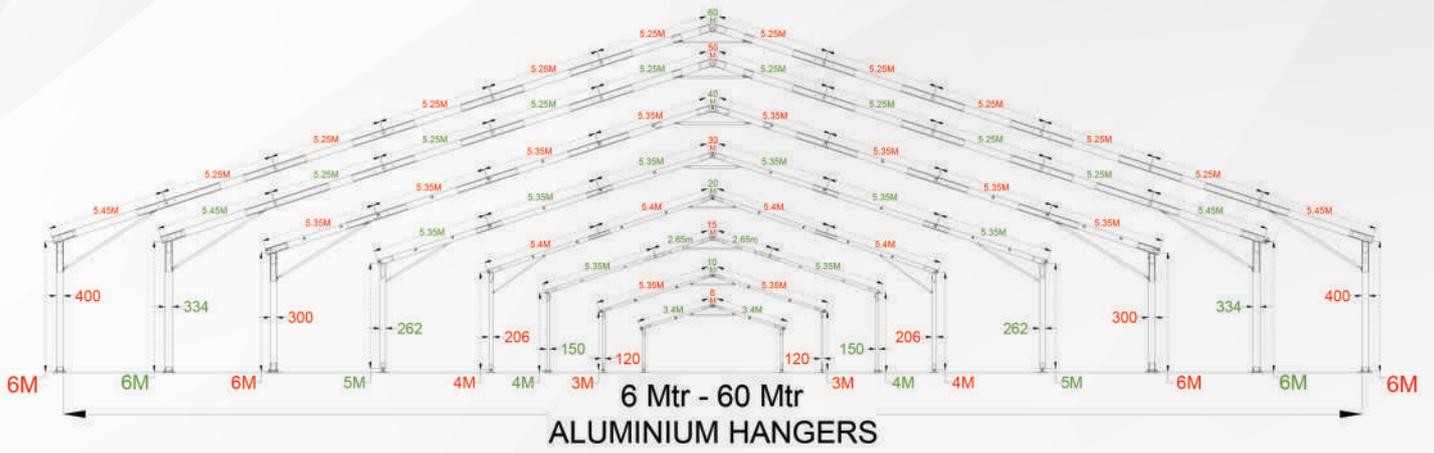
# Industrial Houses





# Festival & Carnival





## Our Prestigious Clients



## PADMAWATI EXTRUSION PVT. LTD.

**Registered Address:** 5/2, Bharat Ashish Building, D.B. Gupta Road, Paharganj, New Delhi - 110055 (India)

**Factory Address:** Gali No. 5, Shed No. 5, Ram Singh Road, Near Dabua Pali Road, Village Bajri, Faridabad - 121004

+91 99995 74209 | [marketing@padmawatiextrusion.com](mailto:marketing@padmawatiextrusion.com)

+91 98112 76191 | [info@padmawatiextrusion.com](mailto:info@padmawatiextrusion.com)

[www.padmawatiextrusion.com](http://www.padmawatiextrusion.com)