

EROS

METAL WORKS



**RELIABLE.
DURABLE.
BUILT TO LAST.**

India's Trusted Sheet Metal
Manufacturer **Since 1976**

Solar Structures | Storage & Racking Solutions | Defence | Cable Trays & Ladders |
Automobile Components | General Fabrication

ABOUT US



Eros Metal Works Pvt. Ltd., based in Nagpur, has been in sheet metal manufacturing since 1976 as part of the Eros Group. We are one of India's leading sheet metal component makers, serving industries like solar power, automobiles, Defence, and general manufacturing. Everything is made in-house – from designing to manufacturing & hot dip galvanising – so we can control quality and build solutions around what our customers need.

WHY CHOOSE EROS

- **Strong Experience:** Manufacturing since 1976, across many industries.
- **In-House Manufacturing:** Full control over quality, start to finish.
- **Customised Solutions:** Built around each client's requirement.
- **Trusted Vendor:** First local vendor for Mahindra Tractor plant, Nagpur, since 1997.
- **Quality First:** ISO 9001:2015 certified, with checks at every stage.

Vision

To grow as a company customers trust, by delivering the best value at a fair cost.



Mission

To keep customers fully satisfied through better technology, a skilled team, and a safe working environment.

OUR MANUFACTURING STRENGTH

- **In-House Facilities:** Design, Fabrication & Hot Dip Galvanization Under One Roof.
- **Advanced Machinery:** Modern Cutting And Punching Machines For Accuracy.
- **Surface Coating:** Hot-Dip Galvanising, Powder Coating, And Pre-Galvanised Finishes.
- **High Capacity:** Ready For Both Small Custom Orders And Bulk Projects.
- **Design Support:** In-House Team Plans Products Around Your Site Needs.

OUR PRODUCT RANGE



Rooftop Solar Structures:

Engineered for residential, commercial, and industrial rooftop installations.

Available Models

- 2KW-5KW Solar Structure (with & without walkway)
- PM Suryaghar verified
- Customization Available

Designed using HDG columns, C-Lip rafters, and Galvalume purlins for superior durability and corrosion resistance.



Solar Pump Structure :

Designed for projects requiring safe maintenance access and easy panel servicing.

Available Models

- Available models - 1. 2HP to 7.5HP (4MMS to 10MMS)
- Customised designs as per site requirements

Integrated walkway channels provide safe movement during inspection and maintenance activities.

Ground Mounted Solar Structures:

Suitable for:

- Utility-scale solar parks
- Industrial solar installations
- Open land solar projects
- Institutional solar projects

Available in customized capacities and layouts based on project requirements.



Pre-Fabricated Mounted Structure:

Factory-engineered structures designed for:

- Faster installation
- Reduced site work
- Consistent quality
- Easy transportation

Can be customized for rooftop and ground-mounted applications

INDUSTRIES WE SERVE

Solar Power & Renewable Energy
Defence

Automobile Manufacturing

Warehousing & Logistics

Power, Telecom & Infrastructure

2KW

**SOLAR STRUCTURE
WITHOUT WALKWAY**



3KW

**SOLAR STRUCTURE
WITHOUT WALKWAY**



4KW

**SOLAR STRUCTURE
WITHOUT WALKWAY**



5KW

**SOLAR STRUCTURE
WITHOUT WALKWAY**



Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	2
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	2
3	RAFTER	C-LIP 100X48X15X2	4110	2	HDG	2
4	HAT PURLIN 1	HAT 70X40X25X100X0.9	2500	0.9	GALVALUME	4

Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	2
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	2
3	RAFTER	C-LIP 100X48X15X2	4110	2	HDG	2
4	HAT PURLIN 2	HAT 70X40X25X100X0.9	3655	0.9	GALVALUME	4

Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	3
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	3
3	RAFTER	C-LIP 100X48X15X2	4110	2	HDG	3
4	HAT PURLIN 1	HAT 70X40X25X100X0.9	2500	0.9	GALVALUME	8

Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	3
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	3
3	RAFTER	C-LIP 100X48X15X2	4110	2	HDG	3
4	HAT PURLIN 1	HAT 70X40X25X100X0.9	2500	0.9	GALVALUME	4
5	HAT PURLIN 2	HAT 70X40X25X100X0.9	3655	0.9	GALVALUME	4

3KW

**SOLAR STRUCTURE (3KW)
WITH WALKWAY**



Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	2
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	2
3	RAFTER	C-LIP 100X48X15X2	4500	2	HDG	2
4	HAT PURLIN 2	HAT 70X40X25X100X0.9	3655	0.9	GALVALUME	8
5	HORIZONTAL SUPPORT	C-LIP 100X48X15X2	2330	2	HDG	2
6	WALKWAY CHANNEL 1	C-LIP 100X40X15X2	2250	2	PRE-GALVA	3

5KW

**SOLAR STRUCTURE (5KW)
WITH WALKWAY**



Sr.No.	Part Name	Profile	Length	Thickness	Material	QTY
1	COLUMN 1	C-LIP 140X80X15X2	2000	2	HDG	3
2	COLUMN 2	C-LIP 140X80X15X2	2400	2	HDG	3
3	RAFTER	C-LIP 100X48X15X2	4500	2	HDG	3
4	HAT PURLIN 1	HAT 70X40X25X100X0.9	2500	2	GALVALUME	4
5	HAT PURLIN 2	HAT 70X40X25X100X0.9	3655	0.9	GALVALUME	4
6	HORIZONTAL SUPPORT	C-LIP 100X48X15X2	2330	2	HDG	3
7	WALKWAY CHANNEL 1	C-LIP 100X40X15X2	2350	2	PRE-GALVA	3
8	WALKWAY CHANNEL 2	C-LIP 90X30X15X2	2370	2	PRE-GALVA	3



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