

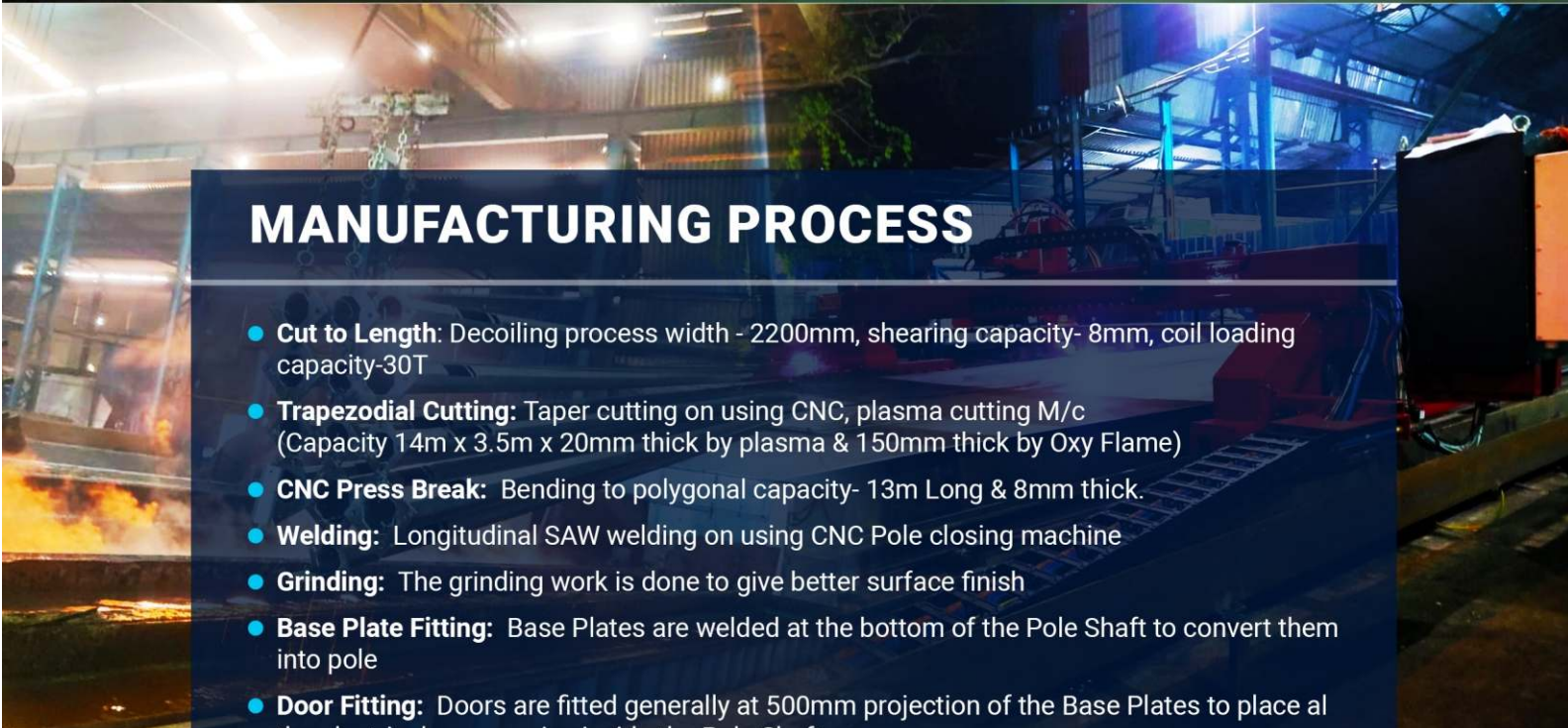


***THE INTELLIGENT WAY OF
BRIGHTENING UP LIVES***

HIGH MAST POLES

ELECTRO POLES PRODUCTS PVT. LTD.

AN ISO 9001 : 2015 CERTIFIED COMPANY



MANUFACTURING PROCESS

- **Cut to Length:** Decoiling process width - 2200mm, shearing capacity- 8mm, coil loading capacity-30T
- **Trapezoidal Cutting:** Taper cutting on using CNC, plasma cutting M/c (Capacity 14m x 3.5m x 20mm thick by plasma & 150mm thick by Oxy Flame)
- **CNC Press Break:** Bending to polygonal capacity- 13m Long & 8mm thick.
- **Welding:** Longitudinal SAW welding on using CNC Pole closing machine
- **Grinding:** The grinding work is done to give better surface finish
- **Base Plate Fitting:** Base Plates are welded at the bottom of the Pole Shaft to convert them into pole
- **Door Fitting:** Doors are fitted generally at 500mm projection of the Base Plates to place all the electrical accessories inside the Pole Shaft
- **Galvanisation:** Galvanisation done by seen tank process in single hot dipping method. Our Zinc Bath of 12.25m (L) x 1.05m (W) x 1.25m (D) is capable of single hot-dip galvanising which ultimately gives better finish.
- **Straightening & Finishing:** Straightening of pole done after galvanisation with help of straightening machine. Final finishing and fittings and electrical accessories done after the completion of straightening of the poles
- **Loading and Dispatch:** The loading is done by EOT cranes with trained person for loading. The materials are dispatched after proper loading complete documentation.

SPECIFICATIONS



STANDARD SPECIFICATION FOR HIGH MAST AS PER 180KMPH OR 50M/S OR 112 MILES/HR.

Designation of MAST (Heavy)	Mast Height Mtr.	No. Of Section	Section Thickness mm.	Dia (A/F) mm.		Base Plate mm. OD X Thk.	PCD mm.	Foundation Bolt Details			No of Lights
				Top Dia	Bottom Dia			Dia mm.	Length mm.	No. of Bolts	
EPHM- 12.0	12.0	1	4	150	340	540X20	440	M24	750	6	6
EPHM- 12.0	12.0	2	3,3	150	340	540X20	440	M24	750	6	8
EPHM- 12.5	12.5	2	3,3	150	360	560X20	460	M24	750	6	6
EPHM- 16.0	16.0	2	3,3	150	360	560X20	460	M24	750	8	8
EPHM- 16.0	16.0	2	3,4	150	360	560X20	460	M24	750	8	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	8
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M30	1200	10	16
EPHM- 25.0	25.0	3	3,4,4	150	410	610X25	510	M30	1200	12	12
EPHM- 25.0	25.0	3	3,4,5	150	460	660X25	560	M30	1200	12	16
EPHM- 30.0	30.0	3	4,4,5	150	560	760X25	660	M32	1200	16	16
EPHM- 30.0	30.0	3	4,5,5	150	610	810X25	710	M32	1200	20	20

STANDARD SPECIFICATION FOR HIGH MAST AS PER 160KMPH OR 44M/S OR 100 MILES/HR.

Designation of MAST (Medium)	Mast Height Mtr.	No. Of Section	Section Thickness mm.	Dia (A/F) mm.		Base Plate mm. OD X Thk.	PCD mm.	Foundation Bolt Details			No. of Lights
				Top Dia	Bottom Dia			Dia mm.	Length mm.	No. of Bolts	
EPHM- 12.0	12.0	1	4	105	340	540X20	440	M24	750	6	6
EPHM- 12.0	12.0	2	3,3	105	340	540X20	440	M24	750	6	8
EPHM- 12.5	12.5	2	3,3	105	360	560X20	460	M24	750	6	6
EPHM- 16.0	16.0	2	3,3	105	360	560X20	460	M24	750	8	8
EPHM- 16.0	16.0	2	3,4	105	360	560X20	460	M24	750	8	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	8
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M30	1200	10	16
EPHM- 25.0	25.0	3	3,4,4	150	410	610X25	510	M30	1200	12	12
EPHM- 25.0	25.0	3	3,4,5	150	460	660X25	560	M30	1200	12	16
EPHM- 30.0	30.0	3	4,4,5	150	460	660X25	560	M32	1200	16	16
EPHM- 30.0	30.0	3	4,5,5	150	510	710X25	610	M32	1200	20	20

STANDARD SPECIFICATION FOR HIGH MAST AS PER 120KMPH OR 33M/S OR 75 MILES/HR.

Designation of MAST (Light)	Mast Height Mtr.	No. Of Section	Section Thickness mm.	Dia (A/F) mm.		Base Plate mm. OD X Thk.	PCD mm.	Foundation Bolt Details			No. of Lights
				Top Dia	Bottom Dia			Dia mm.	Length mm.	No. of Bolts	
EPHM- 12.0	12.0	1	4	105	340	540X20	440	M20	750	6	6
EPHM- 12.0	12.0	2	3,3	105	340	540X20	440	M20	750	6	8
EPHM- 12.5	12.5	2	3,3	105	360	560X20	460	M20	750	6	6
EPHM- 16.0	16.0	2	3,3	105	360	560X20	460	M20	750	8	8
EPHM- 16.0	16.0	2	3,4	105	360	560X20	460	M20	750	8	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	8
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M24	850	12	12
EPHM- 20.0	20.0	2	3,4	150	410	610X20	510	M30	1200	10	16
EPHM- 25.0	25.0	3	3,4,4	150	410	610X25	510	M30	1200	12	12
EPHM- 25.0	25.0	3	3,4,5	150	460	660X25	560	M30	1200	12	16
EPHM- 30.0	30.0	3	4,4,5	150	460	660X25	560	M30	1200	16	16
EPHM- 30.0	30.0	3	4,5,5	150	510	710X25	610	M30	1200	20	20

APPLICABLE STANDARDS

Title	Code
General Construction of Steel	IS 875 (PART III) 1987
Wind Load for Structures	IS 800 2007
Grades of Steel	BSEN 10025/BIS 2062
Foundation bolt Material	Gr Fe- 415 Mpa Min
Base Plate Material	BIS 2062
Galvanizing	IS 4759
Galvanizing Thickness	70- 86 Micron(Average)
Lantern Carriage capacity	300 Kg to 1000 Kg

ACCESSORIES

Lantern Carriage
Head Frame
Motor & Winch Mounting Bracket
Lightning Arrester
Winch- Double/Single Drum
Stainless Steel Wire Rope
Power Tool
Training Cable

APPLICATIONS

1. Air Ports & Sea Ports
2. Railway Yards
3. Industrial Flood Lighting
4. Car Parks & Junctions
5. Sports Arenas/Stadiums
6. Roads & Highway

Electro Poles Products Pvt. Ltd.(EPPPL) was incorporated in the year 2007.

Welcome to Electro Pole, where innovation meets excellence. Established in 2007 and we have been at the forefront of poles & masts manufacturer & exporter with a commitment to delivering top-notch products and services.

Mission: At Electro Poles our mission is to conserve resources and improve life, finding ways to make innovation and technology beneficial in the real world.

Core Values

Integrity

Innovation

Customer Satisfaction

Sustainability

Our Story

Founded by Late Shri Manick Chand Agarwal in 2007, having experience in same industry since 1985. Electro Poles began with a vision to be the industry benchmark across all verticals, by creating value and demonstrating high ethical standards. Over the years, we have evolved into a 650 million company with a strong presence in India, South Asia, Middle East & African Region.

Why Choose Electro Poles

Quality Assurance: Rigorous quality control measures ensure the reliability and longevity of our products/services.

Innovation: We stay ahead of the curve by embracing the latest technologies and trends in Lighting & Transmission Poles manufacturing.

Customer-Centric Approach: Your satisfaction is our priority. Our customer service team is dedicated to providing a seamless experience.

Sustainability Initiatives

As stewards of the environment, Electro Poles is committed to sustainable practices.

Our manufacturing products

1. Steel Tubular Poles
2. Polygonal & Octagonal Pole
3. High Mast Pole
4. Flag Mast Pole
5. Stadium Mast Pole
6. Mono Pole
7. Metal Beam Crash Barrier

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Factory Unit 1

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Factory Unit 2

Mother Dairy Gate No.3, Vill : Kharial, P.O.Dankuni Coal Complex, Dankuni , Hooghly, WB, India



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