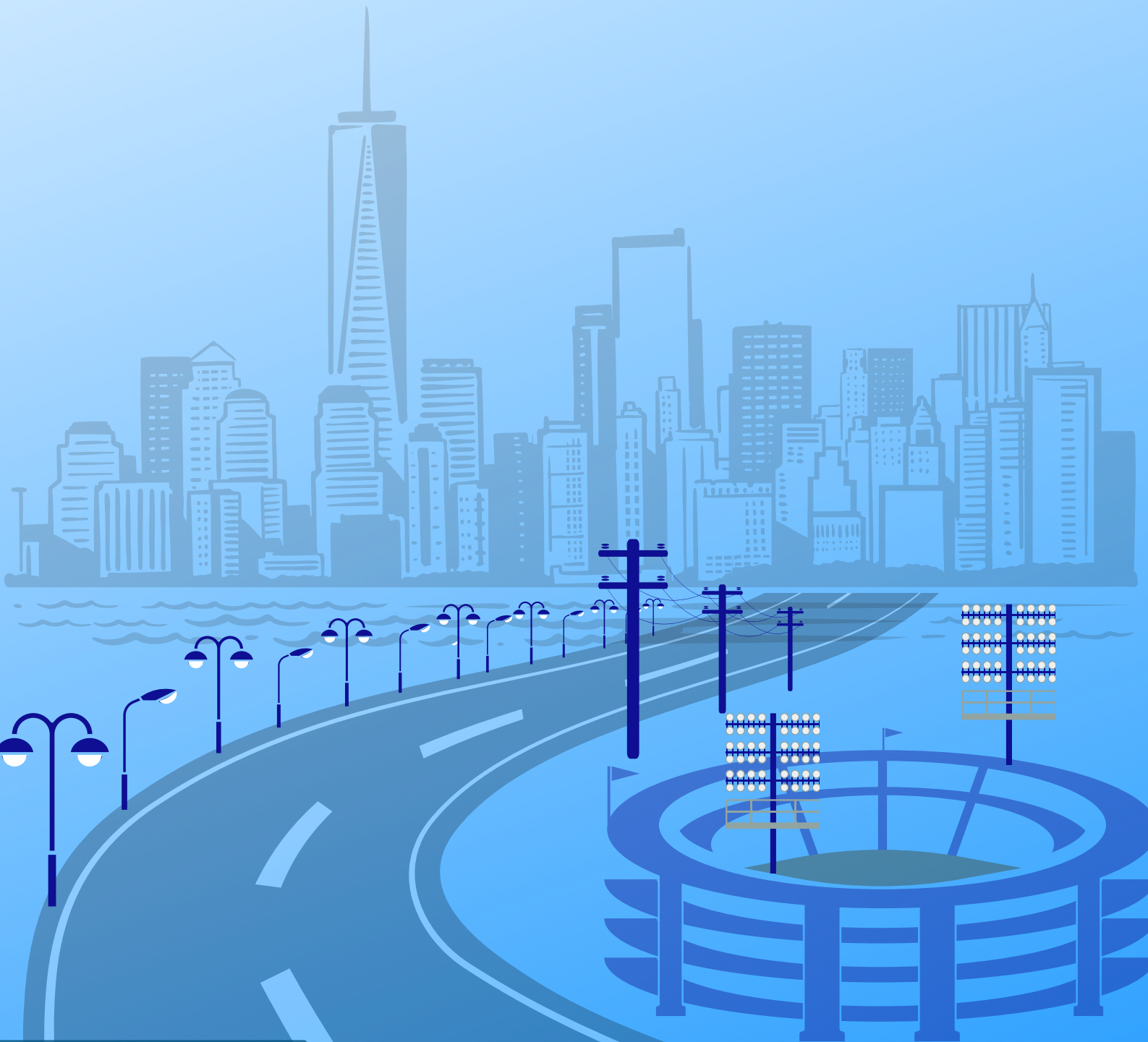




AMBICA

POLES PVT. LTD.

ILLUMINATING STREETS SINCE 1992



**PRODUCT
CATALOGUE**



An ISO 9001:2015 Certified Company
An ISO 14001:2015 Certified Company
An ISO 18001:2017/OHSAS Certified Company

Established in the year 1992, we, Ambica Poles Private Limited, are engaged in manufacturing and supplying a comprehensive collection of Swaged Pole, Street Light Poles, Highway Lighting Pole, Octagonal Lighting Pole and much more. Manufactured using superior grade steel, these products are acknowledged for their low maintenance, durability and capability to withstand extreme temperature conditions. Apart from manufacturing standard range, the experts hold specialization in designing these products as per the details provided by the clients. Owing to its varied specifications, our range is extensively used in all types of sectors, for lighting and electrification applications. The products offered by us are manufactured under the strict guidance of our experienced specialists, who leave no space for any flaw in the final output.

► What Makes Us Stand Out..

Unprecedented Quality Of Products

State of The Art Quality Testing Facility

Capacious Warehouse

Ethical Business Practice

Utmost Transparency With Customers

Wide and Efficient Distribution Network

Products We Offer



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Octagonal Poles

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Octagonal Poles



Octagonal Poles used in various applications such as lighting, flagpoles, traffic signals, and more. Octagonal poles are often made of materials such as steel, aluminum, or GI and come in various sizes and configurations to meet different requirements.

Octagonal poles are popular for their aesthetic appeal, durability, and strength, which make them ideal for outdoor environments where they may be exposed to harsh weather conditions. Additionally, octagonal poles can be customized with different finishes, colors, and mounting options to suit specific needs.

Overall, octagonal poles are a versatile and reliable solution for a range of outdoor applications where a strong and durable pole is required.



OCTAGONAL POLE SPECIFICATION					
SL NO	HEIGHT OF MAST(in Mtr)	TOP A/F (in mm)	BOTTOM A/F (in mm)	THICKNESS (in mm)	BASE PLATE (in mm)
1	3	70	130	3	200X200X12
2	4	70	130	3	200X200X12
3	5	70	130	3	200X200X12
4	6	70	130	3	200X200X12
5	7	70	135	3	225X225X12
6	8	70	155	3	260X260X16
7	9	70	155	3	260X260X16
8	10	70	175	3	275X275X16
9	11	70	175	3	275X275X16
10	12	90	210	3	300X300X20

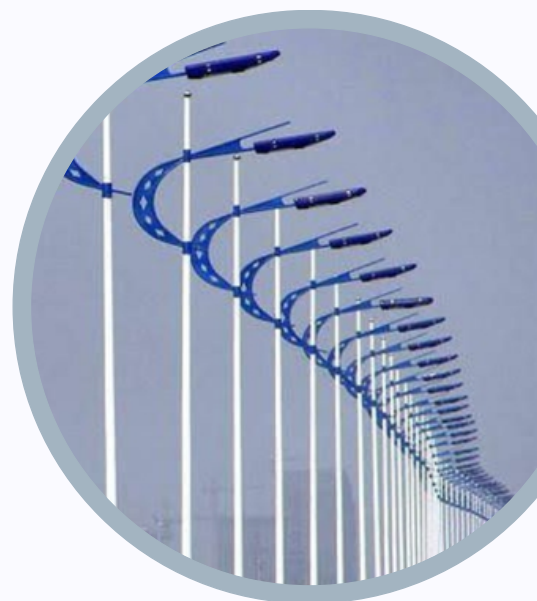
NOTE:- POLE SIZE AND SPECIFICATIONS CAN BE CUSTOMISED AS PER CLIENT REQUIREMENT

Conical Poles



Conical poles can be made from a variety of materials, including steel, aluminum, and galvanized iron materials, and are commonly used for outdoor lighting applications such as street lighting, parking lot lighting, and sports field lighting. They can also be used for utility applications such as supporting power lines and other equipment.

The conical shape of these poles allows them to distribute weight and wind loads more evenly, making them more resistant to bending, swaying, or breaking in high wind conditions. They also tend to be more visually appealing than traditional cylindrical poles, making them a popular choice for urban and architectural lighting projects.



CONICAL POLE SPECIFICATION

SL NO	HEIGHT OF MAST(in Mtr)	TOP A/F (in mm)	BOTTOM A/F (in mm)	THICKNESS (in mm)	BASE PLATE (in mm)
1	3	70	108	3	200X200X12
2	4	70	120	3	200X200X12
3	5	70	133	3	200X200X12
4	6	70	145	3	225X255X12
5	7	70	158	3	250X250X12
6	8	70	170	3	275X275X16
7	9	70	183	3	300X300X16
8	10	70	195	3	300X300X16
9	11	70	208	3	300X300X20
10	12	70	220	3	320X320X20
NOTE:- POLE SIZE AND SPECIFICATIONS CAN BE CUSTOMISED AS PER CLIENT REQUIREMENT					

Swaged Tubular Poles



Swaged poles are typically used for various applications such as lighting poles, flag poles, traffic signal poles, and more. They are often made of materials such as aluminum, galvanized iron or steel, and come in various sizes and configurations to meet different requirements.

One of the advantages of swaged poles is that they are often lighter in weight than other types of poles, while still maintaining a high level of strength and durability. Additionally, the swaging process allows for greater design flexibility, allowing for the creation of customized poles with specific shapes and dimensions. Swaged poles are a reliable and cost-effective solution for various outdoor applications where a strong and durable pole is required, such as for street lighting, parking lot lighting, or flag poles.



SWAGE POLE AS PER IS : 2713 (PART I TO III) : 1980

Designation (m)	Overall length L (m)	Planting Depth (m)	Height Above Ground H (m)	Length of Sections			Outside Diameter and Thickness of section			Approx weight of pole (kg)
				Bottom H ₃ (m)	Middle H ₂ (m)	Top H ₁ (m)	Bottom (mm)	Middle (mm)	Top (mm)	
410 - SP1	7.00	1.25	5.75	4.00	1.50	1.50	114.3 x 3.65	88.9 x 3.25	76.1 x 3.25	62
410 - SP2	7.00	1.25	5.75	4.00	1.50	1.50	114.3 x 4.50	88.9 x 4.05	76.1 x 3.25	73
410 - SP3	7.00	1.25	5.75	4.00	1.50	1.50	114.3 x 5.40	88.9 x 4.85	76.1 x 3.25	85
410 - SP4	7.50	1.25	6.25	4.50	1.50	1.50	114.3 x 3.65	88.9 x 3.25	76.1 x 3.25	67
410 - SP5	7.50	1.25	6.25	4.50	1.50	1.50	114.3 x 4.50	88.9 x 4.05	76.1 x 3.25	79
410 - SP6	7.50	1.25	6.25	4.50	1.50	1.50	114.3 x 5.40	88.9 x 4.85	76.1 x 3.25	93
410 - SP7	7.50	1.25	6.25	4.50	1.50	1.50	139.7 x 4.50	114.3 x 3.65	88.9 x 3.25	97
410 - SP8	7.50	1.25	6.25	4.50	1.50	1.50	139.7 x 4.85	114.3 x 3.65	88.9 x 3.25	103
410 - SP9	7.50	1.25	6.25	4.50	1.50	1.50	139.7 x 5.40	114.3 x 3.65	88.9 x 3.25	110
410 - SP10	8.00	1.25	6.50	4.50	1.75	1.75	114.3 x 3.65	88.9 x 3.25	76.1 x 3.25	70
410 - SP11	8.00	1.25	6.50	4.50	1.75	1.75	114.3 x 4.50	88.9 x 4.05	76.1 x 3.25	83
410 - SP12	8.00	1.50	6.50	4.50	1.75	1.75	114.3 x 5.40	88.9 x 4.85	76.1 x 3.25	97
410 - SP13	8.00	1.50	6.50	4.50	1.75	1.75	139.7 x 4.50	114.3 x 3.65	88.9 x 3.25	101
410 - SP14	8.00	1.50	6.50	4.50	1.75	1.75	139.7 x 4.85	114.3 x 4.50	88.9 x 3.25	111
410 - SP15	8.00	1.50	6.50	4.50	1.75	1.75	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	119
410 - SP16	8.50	1.50	7.00	5.00	1.75	1.75	114.3 x 3.65	88.9 x 3.25	76.1 x 3.25	75
410 - SP17	8.50	1.50	7.00	5.00	1.75	1.75	114.3 x 4.50	88.9 x 4.05	76.1 x 3.25	89
410 - SP18	8.50	1.50	7.00	5.00	1.75	1.75	114.3 x 5.40	88.9 x 4.85	76.1 x 3.25	104
410 - SP19	8.50	1.50	7.00	5.00	1.75	1.75	139.7 x 4.50	114.3 x 3.65	88.9 x 3.25	109
410 - SP20	8.50	1.50	7.00	5.00	1.75	1.75	139.7 x 4.85	114.3 x 3.65	88.9 x 3.25	115
410 - SP21	8.50	1.50	7.00	5.00	1.75	1.75	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	129
410 - SP22	8.50	1.50	7.00	5.00	1.75	1.75	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	141
410 - SP23	8.50	1.50	7.00	5.00	1.75	1.75	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	148
410 - SP24	8.50	1.50	7.00	5.00	1.75	1.75	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	158
410 - SP25	9.00	1.50	7.50	5.00	2.00	2.00	114.3 x 3.65	88.9 x 3.25	76.1 x 3.25	78
410 - SP26	9.00	1.50	7.50	5.00	2.00	2.00	114.3 x 4.50	88.9 x 4.05	76.1 x 3.25	92
410 - SP27	9.00	1.50	7.50	5.00	2.00	2.00	114.3 x 5.40	88.9 x 4.85	76.1 x 3.25	108
410 - SP28	9.00	1.50	7.50	5.00	2.00	2.00	139.7 x 4.50	114.3 x 3.65	88.9 x 3.25	113
410 - SP29	9.00	1.50	7.50	5.00	2.00	2.00	139.7 x 4.85	114.3 x 4.50	88.9 x 3.25	125
410 - SP30	9.00	1.50	7.50	5.00	2.00	2.00	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	133
410 - SP31	9.00	1.50	7.50	5.00	2.00	2.00	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	147
410 - SP32	9.00	1.50	7.50	5.00	2.00	2.00	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	154
410 - SP33	9.00	1.50	7.50	5.00	2.00	2.00	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	164
410 - SP34	9.50	1.80	7.70	5.00	2.25	2.25	139.7 x 4.85	114.3 x 3.50	88.9 x 3.25	122
410 - SP35	9.50	1.80	7.70	5.00	2.25	2.25	139.7 x 4.50	114.3 x 4.50	88.9 x 3.25	129
410 - SP36	9.50	1.80	7.70	5.00	2.25	2.25	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	137
410 - SP37	9.50	1.80	7.70	5.00	2.25	2.25	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	153
410 - SP38	9.50	1.80	7.70	5.00	2.25	2.25	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	160
410 - SP39	9.50	1.80	7.70	5.00	2.25	2.25	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	170

410 - SP40	10.00	1.80	8.20	5.20	2.40	2.40	139.7 x 4.50	114.3 x 4.50	88.9 x 3.25	128
410 - SP41	10.00	1.80	8.20	5.20	2.40	2.40	139.7 x 4.85	114.3 x 4.50	88.9 x 3.25	135
410 - SP42	10.00	1.80	8.20	5.20	2.40	2.40	139.7 x 5.40	114.3 x 4.85	88.9 x 3.25	144
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410 - SP43	10.00	1.80	8.20	5.20	2.40	2.40	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	160
410 - SP44	10.00	1.80	8.20	5.20	2.40	2.40	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	168
410 - SP45	10.00	1.80	8.20	5.20	2.40	2.40	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	178
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410 - SP46	10.00	1.80	8.20	5.20	2.40	2.40	193.7 x 4.85	165.1 x 4.50	139.7 x 4.50	208
410 - SP47	10.00	1.80	8.20	5.20	2.40	2.40	193.7 x 5.40	165.1 x 4.50	139.7 x 4.50	221
410 - SP48	10.00	1.80	8.20	5.20	2.40	2.40	193.7 x 5.90	165.1 x 4.50	139.7 x 4.50	233
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410 - SP49	11.00	1.80	9.20	5.60	2.70	2.70	139.7 x 4.50	114.3 x 4.50	88.9 x 3.25	140
410 - SP50	11.00	1.80	9.20	5.60	2.70	2.70	139.7 x 4.85	114.3 x 4.50	88.9 x 3.25	147
410 - SP51	11.00	1.80	9.20	5.60	2.70	2.70	139.7 x 5.40	114.3 x 4.50	88.9 x 3.25	164
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410 - SP52	11.00	1.80	9.20	5.60	2.70	2.70	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	175
410 - SP53	11.00	1.80	9.20	5.60	2.70	2.70	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	183
410 - SP54	11.00	1.80	9.20	5.60	2.70	2.70	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	194
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410 - SP55	11.00	1.80	9.20	5.60	2.70	2.70	193.7 x 4.50	165.1 x 4.50	139.7 x 4.50	227
410 - SP56	11.00	1.80	9.20	5.60	2.70	2.70	193.7 x 4.85	165.1 x 4.50	139.7 x 4.50	241
410 - SP57	11.00	1.80	9.20	5.60	2.70	2.70	193.7 x 5.40	165.1 x 4.50	139.7 x 4.50	256
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410 - SP58	12.00	2.00	10.00	5.80	3.10	3.10	165.1 x 4.50	139.7 x 4.50	114.3 x 3.65	186
410 - SP59	12.00	2.00	10.00	5.80	3.10	3.10	165.1 x 4.85	139.7 x 4.50	114.3 x 3.65	197
410 - SP60	12.00	2.00	10.00	5.80	3.10	3.10	165.1 x 5.40	139.7 x 4.50	114.3 x 3.65	208
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410 - SP61	12.00	2.00	10.00	5.80	3.10	3.10	193.7 x 4.85	165.1 x 4.50	139.7 x 4.50	245
410 - SP62	12.00	2.00	10.00	5.80	3.10	3.10	193.7 x 5.40	165.1 x 4.50	139.7 x 4.50	259
410 - SP63	12.00	2.00	10.00	5.80	3.10	3.10	165.1 x 4.50	165.1 x 4.85	139.7 x 4.50	277
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410 - SP64	12.00	2.00	10.00	5.80	3.10	3.10	219.1 x 4.85	193.7 x 4.85	165.1 x 4.50	292
410 - SP65	12.00	2.00	10.00	5.80	3.10	3.10	219.1 x 5.60	193.7 x 4.85	165.1 x 4.50	313
410 - SP66	12.00	2.00	10.00	5.80	3.10	3.10	219.1 x 5.90	193.7 x 4.85	165.1 x 4.50	322
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410 - SP67	13.00	2.00	11.00	5.80	3.60	3.60	193.7 x 4.85	165.1 x 4.50	139.7 x 4.50	261
410 - SP68	13.00	2.00	11.00	5.80	3.60	3.60	193.7 x 5.40	165.1 x 4.85	139.7 x 4.50	281
410 - SP69	13.00	2.00	11.00	5.80	3.60	3.60	193.7 x 5.90	165.1 x 5.40	139.7 x 4.50	302
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410 - SP70	13.00	2.00	11.00	5.80	3.60	3.60	219.1 x 4.85	193.7 x 4.85	165.1 x 4.50	312
410 - SP71	13.00	2.00	11.00	5.80	3.60	3.60	219.1 x 5.60	193.7 x 4.85	165.1 x 4.50	333
410 - SP72	13.00	2.00	11.00	5.80	3.60	3.60	219.1 x 5.90	193.7 x 4.85	165.1 x 4.50	343
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410 - SP73	14.50	2.00	12.50	6.50	4.00	4.00	193.7 x 5.40	165.1 x 4.85	139.7 x 4.50	312
410 - SP74	14.50	2.00	12.50	6.50	4.00	4.00	193.7 x 5.90	165.1 x 5.40	139.7 x 4.50	336
410 - SP75	14.50	2.00	12.50	6.50	4.00	4.00	219.1 x 5.60	193.7 x 4.85	165.1 x 4.50	370
410 - SP76	14.50	2.00	12.50	6.50	4.00	4.00	219.1 x 5.90	193.7 x 4.85	165.1 x 4.50	380
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410 - SP77	16.00	2.30	13.70	7.00	4.50	4.50	193.7 x 5.40	165.1 x 4.85	139.7 x 4.50	341
410 - SP78	16.00	2.30	13.70	7.00	4.50	4.50	193.7 x 5.90	165.1 x 5.40	139.7 x 4.50	367
410 - SP79	16.00	2.30	13.70	7.00	4.50	4.50	219.1 x 5.60	193.7 x 4.85	165.1 x 4.50	405

TOLERANCE OF STEEL TUBULAR POLES

Out Side Diameter	Thickness	Section Length	Overall Length	Weight		Straightness
				Bulk	Single	
1%	10%	40mm	25mm	7.5%	10%	1/600

JOINTS IN SWAGED POLES-The lengths of joints on waged poles shall be as follows

Outside Diameter of Smaller Tube in Joints (mm)	76.1	88.9	114.3	139.7	165.1	193.7
Length of Joints(J ₁ or J ₂ in Fig. 1) (mm)	200	230	300	350	400	450

High Mast Poles



High mast poles are designed to support several lighting fixtures at the top of the pole, usually in a circular pattern, which provides high-quality, uniform lighting over a large area. The fixtures can be either traditional or LED, and can be customized to meet the specific lighting requirements of the location. High mast poles are commonly made of steel or aluminum, and are designed to withstand harsh weather conditions such as strong winds and heavy rain. They are also engineered to be stable and durable, with a large base that provides a solid foundation and prevents the pole from toppling over.



Flag Mast Poles



Flag masts are commonly used to display national or state flags, as well as flags for organizations, businesses, or special events. They can also be used for decorative purposes, such as in landscaping or as part of an architectural design.

Flag masts are designed to be sturdy and stable, with a secure base and a top that is strong enough to support the weight of the flag or banner in all weather conditions.



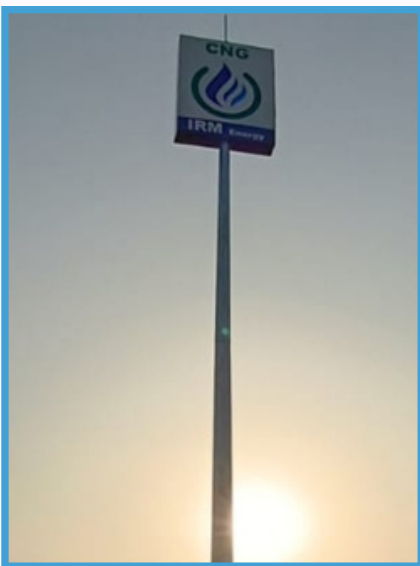
FLAG MAST & HIGH MAST SPECIFICATION					
SL NO	HEIGHT OF MAST(in Mtr)	TOP A/F (in mm)	BOTTOM A/F (in mm)	NO OF SECTION	BASE PLATE (in mm)
1	12	110	360	2	Ø520X20
2	16	150	360	2	Ø520X20
3	16	150	400	2	Ø600x20
4	20	150	400	2	Ø600X20
5	20	150	450	2	Ø650X20
6	25	150	460	3	Ø670X25
7	30	150	540	3	Ø740X30
NOTE:- MAST SIZE AND SPECIFICATIONS CAN BE CUSTOMISED AS PER CLIENT REQUIREMENT					

Signage Structures & Mast



Signage mast poles can be designed to support various types of signage, including billboards, banners, street signs, and other types of advertising and informational signage. They can also be customized with various lighting and other accessories, such as LED lights or flag brackets, to provide additional functionality and visual appeal.

One of the advantages of using signage mast poles is that they can provide a strong and stable support for signage, even in areas with high wind loads or other environmental factors that could cause the signage to sway or become damaged. They are also designed to be relatively easy to install and maintain, making them a practical solution for various outdoor signage applications.



Decorative Poles

Decorative cast iron poles are ornamental poles made from cast iron that are used for various purposes such as supporting outdoor lighting fixtures, hanging banners, and displaying signs. Cast iron is a durable and robust material that can withstand harsh outdoor environments, making it an ideal choice for decorative poles. Decorative cast iron poles come in a variety of designs, shapes, and sizes.



Bollard Poles

Bollards come in a variety of sizes and styles, from small decorative posts to larger, more heavy-duty barriers. They may be fixed in place or designed to be removable, allowing them to be installed temporarily or adjusted as needed. Bollards can be used in a variety of settings, including public spaces such as parks, pedestrian areas, and plazas, as well as commercial areas such as shopping centers and office buildings.



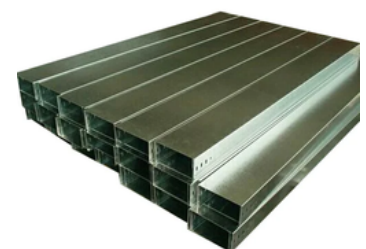
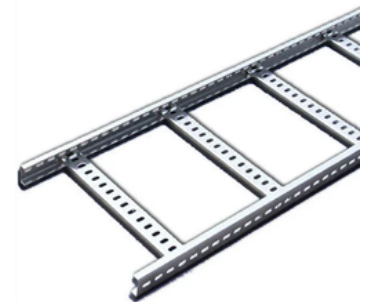
Crash Barriers (Guardrails)

Guardrail barriers provide semi-rigid protection to shield motorists from hazards located close to the edge of the travelled way. Our guardrails uniformly high resistance to impact is assured by its continuous flexible beam action. This prevents dangerous pocketing and at the same time minimises the ride down acceleration experienced by the vehicle and its occupants. The high visibility of guardrail creates driver confidence. This is an intangible but exceedingly important factor. At night or in fog conditions, the excellent visibility of guardrail highlights the limit of safe travel and reduces dangerous centre line crowding



Cable Tray

In electrical cabling, a cable tray is a metallic structure used to handle insulated electrical power distribution, control, and communication cables. A cable tray is employed as a substitute for an electrical conduit, or open wiring system. Normally, these cable trays are used in the industries or commercial buildings for cable management purposes. Especially, these trays have advantages where changes in the wiring system are predicted and installing new or spare cables by laying them in the tray.



Camera Poles



CCTV poles are commonly used in public areas such as parking lots, highways, airports, and other public spaces where security and surveillance are necessary. They are available in various heights and diameters to accommodate different camera types and applications.

CCTV poles can be customized with different mounting options, such as brackets, clamps, or adapters, to fit specific installation needs. They may also include features such as weather-resistant coatings, cable management systems, and lightning protection to ensure the safety and reliability of the camera system.



RSJ Poles

A rolled steel joist (RSJ) is a common type of beam used for structural steelwork. It is also known as an 'I-beam'.

An RSJ is a beam with an 'I' or 'H'-shaped cross-section that comes in a variety of standard sizes. It is a very efficient form for carrying bending and shear loads in the plane of the web (the vertical element).

RSJs are usually made from mild steel but can also be formed from aluminium or other materials. They are formed by hot rolling, cold rolling or by extrusion.



Gantry & Fabrication

Gantry structures are overhead bridge-like structures that support equipment such as cranes, signals or cameras. They consist of main beams, end beams, legs and lower crossbeams that bear the main load, and other auxiliary components such as trolley tracks, walking platforms, railings and ladders. Gantry structures are used in workshops and factories to lift and move heavy loads from one part to another. They are also used in transport systems to display signs or signals. Gantry structures can be made of steel, concrete or wood, depending on the application and design requirements.



Our Esteemed Clients



Our Esteemed Clients



IndianOil-Adani Gas Pvt. Ltd.



GET IN TOUCH WITH US....

- **Corporate Office & Manufacturing Plant :**
Block No: 187 (New 110), Nr. PSP Project, Opp. Pipe Zone, Sarkhej Bavla Highway, Village Navapura, Taluka-Sanand, Ahmedabad-382210.
- **Contact Number :** +91 7043452932,
+91 9662299500
- **Website :** www.ambicapoles.in
- **Email :** info@ambicapoles.in

Basic Wind Speed Map

