



# Steel Poles



# Safe and efficient energy

## transportation



Mecano, business line dedicated to the design, manufacturing and supplying of energy and data transportation systems, with over 35 years of experience, providing solution in projects in different Latin American countries, for various sectors such as: industrial, commercial, cement, oil, mining, infrastructure, construction, photovoltaic solar generation among many other sectors.

### Our products provide great advantages due to their technical characteristics

- Certified Products. Technical specification compliance duly certified to national and international levels.
- Different fabrication materials (steel, aluminum, stainless steel) and the finish (galvanized, electrostatic powder painting, pre galvanized), which allows us to cover different needs in different sectors of the industry.
- Easy ensemble, which generates faster and efficient setups.

### MECANO, has a wide catalog of products:

- Cable trays: - Ladder tray  
- Mesh tray  
- Solid and perforated trays
- Busways
- Supports and profiles
- Pipe fasteners
- Steel Poles
- Electrical Crossarms

We count with a wide inventory of available products for immediate delivery with the standar references and for special projects we manufacture all the elements upon request and the specifications required by the customer or the designer; with our capacity we are in condition of supplying large scale projects with **agility and quality**.

# Steel Poles



## Polygonal poles for electrical and telecommunication

Poles are made in polygonal truncated conical sections that adjust by friction on top of each other, designed and fabricated under the guidelines of the Technical Guideline for Electrical Installations (Reglamento Técnico de Instalaciones Eléctricas (Certificado RETIE)).

Our poles's height are from 6 mts up to 14 mts, and breaking load starting from 350kgf up to 1350kgf.

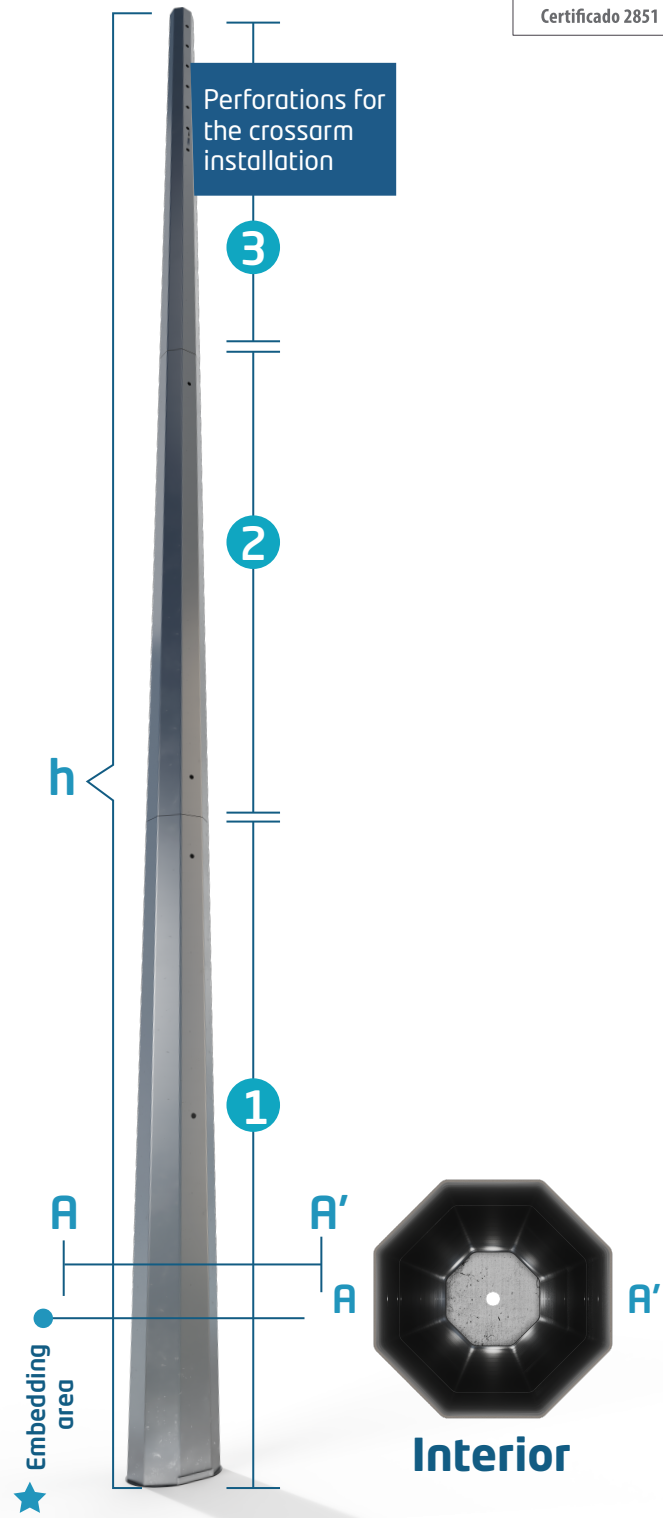
<b>Material:</b>	Steel ASTM A572 Gr50 y ASTM A1011 Gr50
<b>Finish:</b>	Hot dip galvanized.
<b>Norms:</b>	RETIE, ASCE 48-19
<b>Advantages:</b>	<ul style="list-style-type: none"><li>• Short and light sections that facilitate transportation and access to difficult areas.</li><li>• Easy set up and installation with manual tools.</li><li>• High corrosion resistance due to the hot dip galvanization.</li><li>• High mechanical resistance.</li></ul>

### ★ Embedding area:

The length of embedment of the poles is defined by its height (see chart List of references). This area might have an additional layer of epoxy paint according to regulations or the client's specifications.

# List of references

Reference	HEIGHT H (m)	LENGTH EMBEDMENT (m)	LOAD (kgf)	SECTIONS (und)
PM06AG350	6	1.2	350	2
PM06AG510			510	
PM06AG750			750	
PM06AG1050			1050	
PM06AG1350			1350	
PM07AG350	7	1.3	350	2
PM07AG510			510	
PM07AG750			750	
PM07AG1050			1050	
PM07AG1350			1350	
PM08AG350	8	1.4	350	3
PM08AG510			510	
PM08AG750			750	
PM08AG1050			1050	
PM08AG1350			1350	
PM09AG350	9	1.5	350	3
PM09AG510			510	
PM09AG750			750	
PM09AG1050			1050	
PM09AG1350			1350	
PM10AG350	10	1.6	350	4
PM10AG510			510	
PM10AG750			750	
PM10AG1050			1050	
PM10AG1350			1350	
PM11AG350	11	1.7	350	4
PM11AG510			510	
PM11AG750			750	
PM11AG1050			1050	
PM11AG1350			1350	
PM12AG350	12	1.8	350	4
PM12AG510			510	
PM12AG750			750	
PM12AG1050			1050	
PM12AG1350			1350	
PM13AG350	13	1.9	350	5
PM13AG510			510	
PM13AG750			750	
PM13AG1050			1050	
PM13AG1350			1350	
PM14AG350	14	2.0	350	5
PM14AG510			510	
PM14AG750			750	
PM14AG1050			1050	
PM14AG1350			1350	





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