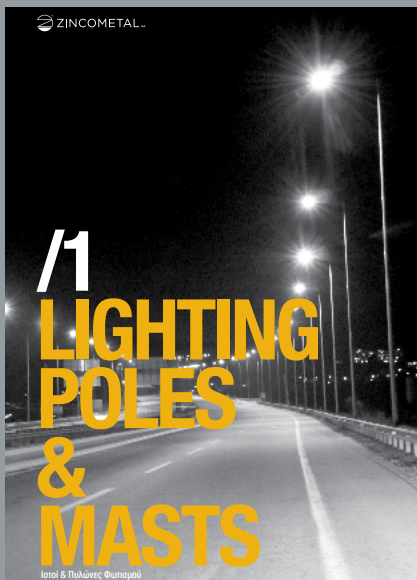


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[/ products / lighting poles & masts / poles for other uses](#)

PRODUCT NO:

DESCRIPTION:

IMAGE

tram & trolley bus
poles



ZINCOMETAL S.A. is constantly developing and improving its products. For this reason, all product descriptions in this catalogue are intended as a general guide, and we may change specifications from time to time in the interest of product development, without prior notification or public announcement. Regarding the validity of the International Standards it is considered always the oldest edition.

Stay tuned with the company by signing up in ZINCOMETAL's Newsletter (www.zincometal.gr) and Social Media.

Tram and Trolley bus overhead power supply poles

Image 1

Overhead power supply poles,
hot-dip galvanized, for Tram.



Introduction The most important issue for the next years is the protection of the environment! Thus, the usage of trams and trolley buses is considered the sustainable public means of transportation which meets environment standards.

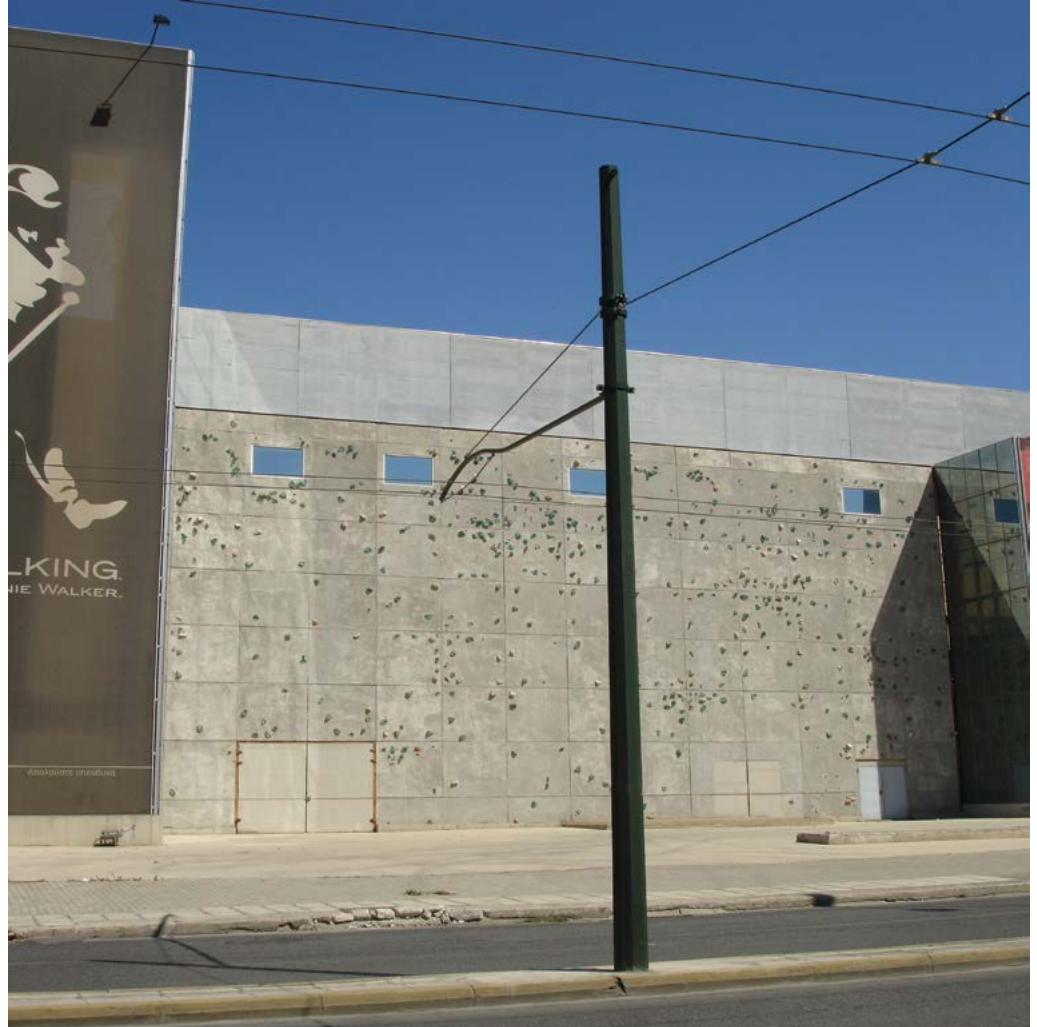
Design criteria At first, the manufacturing of this type of poles seems to be easy situation. However, the structure of the pole has to be calculated with very serious manner to avoid any problem. The designer has to take into serious account the complex of the dimensional loading forces which affect the pole.

ZINCOMETAL's experience in designing and manufacturing steel structures with the combination of the manufacturing capabilities of the company has as a result to offer a big range of polygonal conical steel poles with base plate or root mounted for sheet up to 14mm thickness!

For these reasons, the company is the main supplier in Greek and Bulgarian market.

Image 2

Overhead power supply poles, hot-dip galvanized and electrostatic powder coating surface finish (duplex system), for Trolley bus.



Material Hot rolled steel grade S275JR according to EN 10025.

Surface protection Hot-dip galvanized according to International Standard EN ISO 1461 and electrostatic powder coating surface finish (Duplex System).

Manufacturing Polygonal conical steel pole is made from steel sheet up to 14mm thickness, bend in special machines on regular polygon profile with constant taper. Consisting from one (1) single piece for a pole height of up to 12.00m. The lighting pole, up to 12.00m, is welded across with only one stitch in automatic welding machines MIG (longitudinal welding). For a better static analysis there is a base plate with triangular gussets. The poles are designed and manufactured according to National and European Standards.

Certifications CE Certificate of Notified European Body (EN 40, European Commission).

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