

**Çepas**  
Gonvarri Industries

## Lattice Towers

[www.cepas.com.tr](http://www.cepas.com.tr)



# INDEX

**Presentation** 3



**Lattice Towers** 5



**High Voltage Towers** 7

**Medium and Low Voltage Towers** 9

**Substation** 11

**Telecom - Tv Towers** 12

**The Others** 13



**Gonvarri  
Industries**

Gonvarri Industries is oriented to a full service in order to meet steel customer's needs through seven business units: Gonvarri Service Centers, Gonvarri Metal Structures, Solar Steel, Gonvarri Material Handling, Gonvarri Electromobility, Gonvarri Precision Tubes and Gonvarri Laser



**27**

Countries



**54**

Factories



**12**

Distribution Centers



**9**

Offices



**+6.000**

Employees



**Çepas**  
Gonvarri Industries

Çepas Gonvarri Industries is the subsidiary of Gonvarri Industries in Turkey dedicated to the transformation of steel into final products for different business lines: road safety, lattice towers, solar fixed structures, steel construction, etc.



## COUNTRIES WHERE GONVARRI FACTORIES ARE LOCATED



Çepas Galvaniz was established in 2003, initially focusing on guardrail and polygon and lattice towers production. In 2018, it became part of the Gonvarri Group to enhance its presence and expand its operations within the industry. This merger led to the establishment of the Gonvarri Road Steel division, broadening Çepas's scope of activities. Continuously striving to meet customer demands and expand its operations, Çepas is keeping investing and growing technologically into its facilities and further developed its product range. The company's ongoing efforts in growth and innovation have established it as a significant player on the international stage, starting from its roots in Turkey.

Founded in Ankara in 2003, ÇEPAS operates in various sectors such as highway guardrail manufacturing and assembly, energy transmission line poles, telecommunication

poles, polygon and lighting poles, hot-dip galvanizing, advertising billboard poles, steel manufacturing for industrial facilities, steel construction elements and galvanizing as well as manufacturing of corrosion-resistant galvanized materials and traffic signs and poles.

Gonvarri Industries formed a partnership with Çepas in 2013, acquiring 51% of the company.

In 2014, Solar Fixed Structures was established to produce steel structures for the solar fixed structure sector. Subsequently, in 2018, Çepas became fully integrated into Gonvarri Industries.

More than 21 years experience, Çepas has been exporting its products to over 50 countries to date.

# Lattice Towers

## Energy & Communication

Çepas Gonvarri Industries manufactures Lattice Towers and Telecom Towers in accordance with international quality standards to ensure uninterrupted communication and energy flow, and to deliver energy to the right point with the right equipment. Çepas Gonvarri Industries continues to design and manufacture Telecom, communication and energy transmission line towers.

Lattice Towers manufactured by Gonvarri also in Colombia facilities in addition to Çepas, are becoming popular and preferred in the world. Çepas Gonvarri Industries is capable of performing domestic and international shipments in addition to design and production of overhead transmission line towers up to 500 KV and steel construction for switchyards.

The production of lattice towers is carried out in accordance with TEDAS and TEIAS specifications for domestic market and international standards and regional project specifications for international market.

Çepas Gonvarri Industries adheres to the following quality production standards, documents, and memberships.

**ISO 9001:2015 • EN 1090-1-2 • ISO 1461 • ISO 14001 • EN 3834-2  
• ISO 45001**

## Lattice Towers Types

- 1** High Voltage Towers
- 2** Medium and Low Voltage Towers
- 3** Substation Steel

- 1** Lattice Towers
- 2** Roof Top Towers

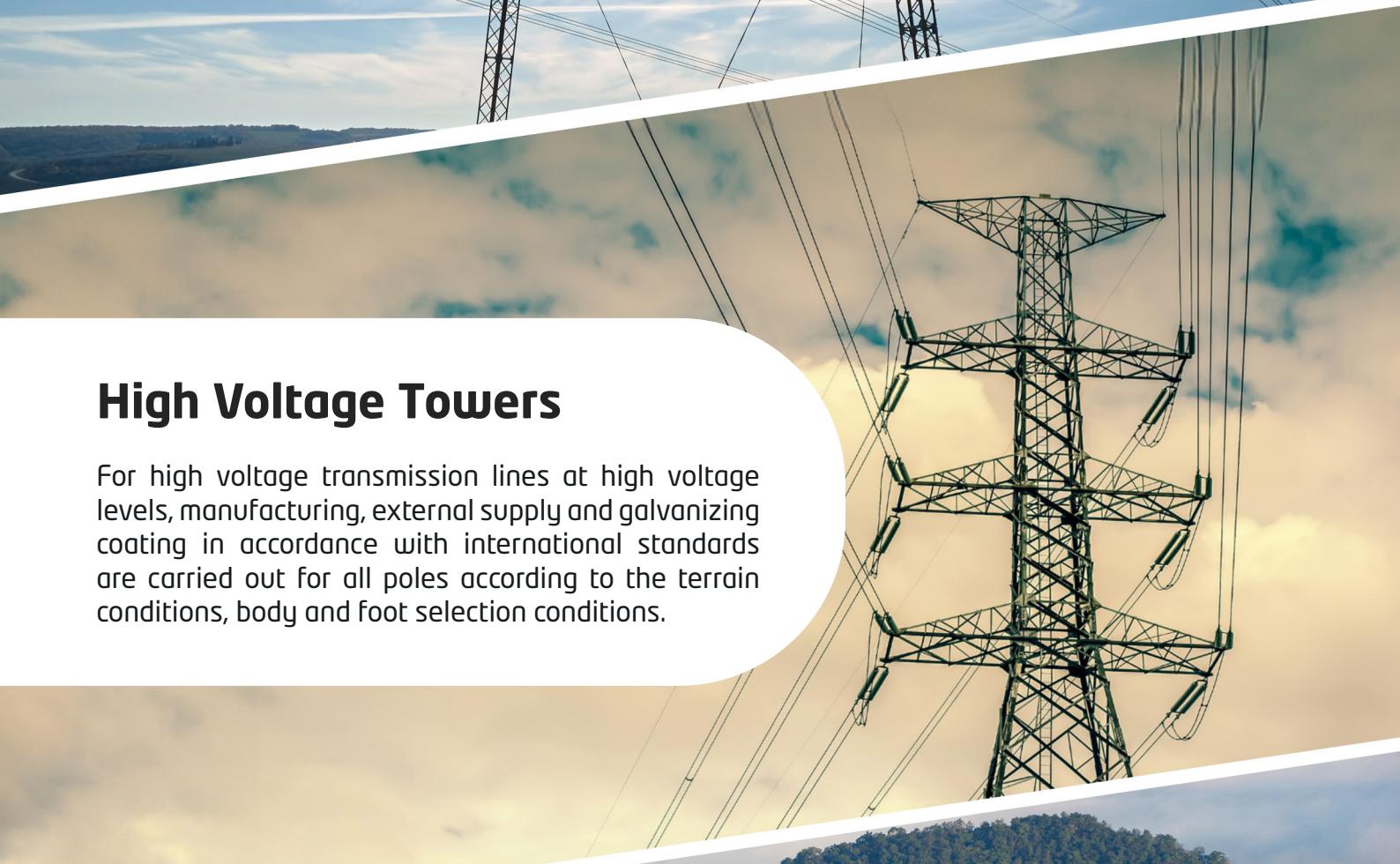
- 1** Camera Towers
- 2** Projector Towers
- 3** Wing Energy Towers





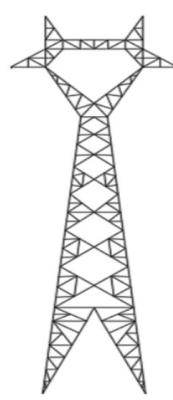
## High Voltage Towers

For high voltage transmission lines at high voltage levels, manufacturing, external supply and galvanizing coating in accordance with international standards are carried out for all poles according to the terrain conditions, body and foot selection conditions.





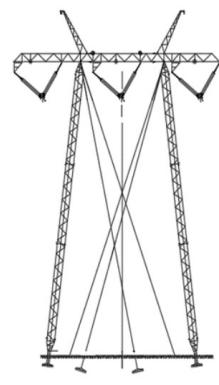
## High Voltage Towers



400kV  
SINGLE CIRCUIT



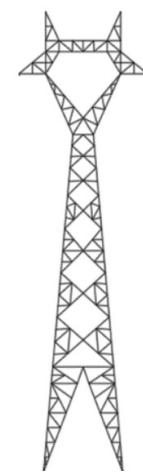
380kV SINGLE CIRCUIT  
154kV DOUBLE CIRCUIT



110kV & 400kV  
GUYED



154kV  
DOUBLE CIRCUIT

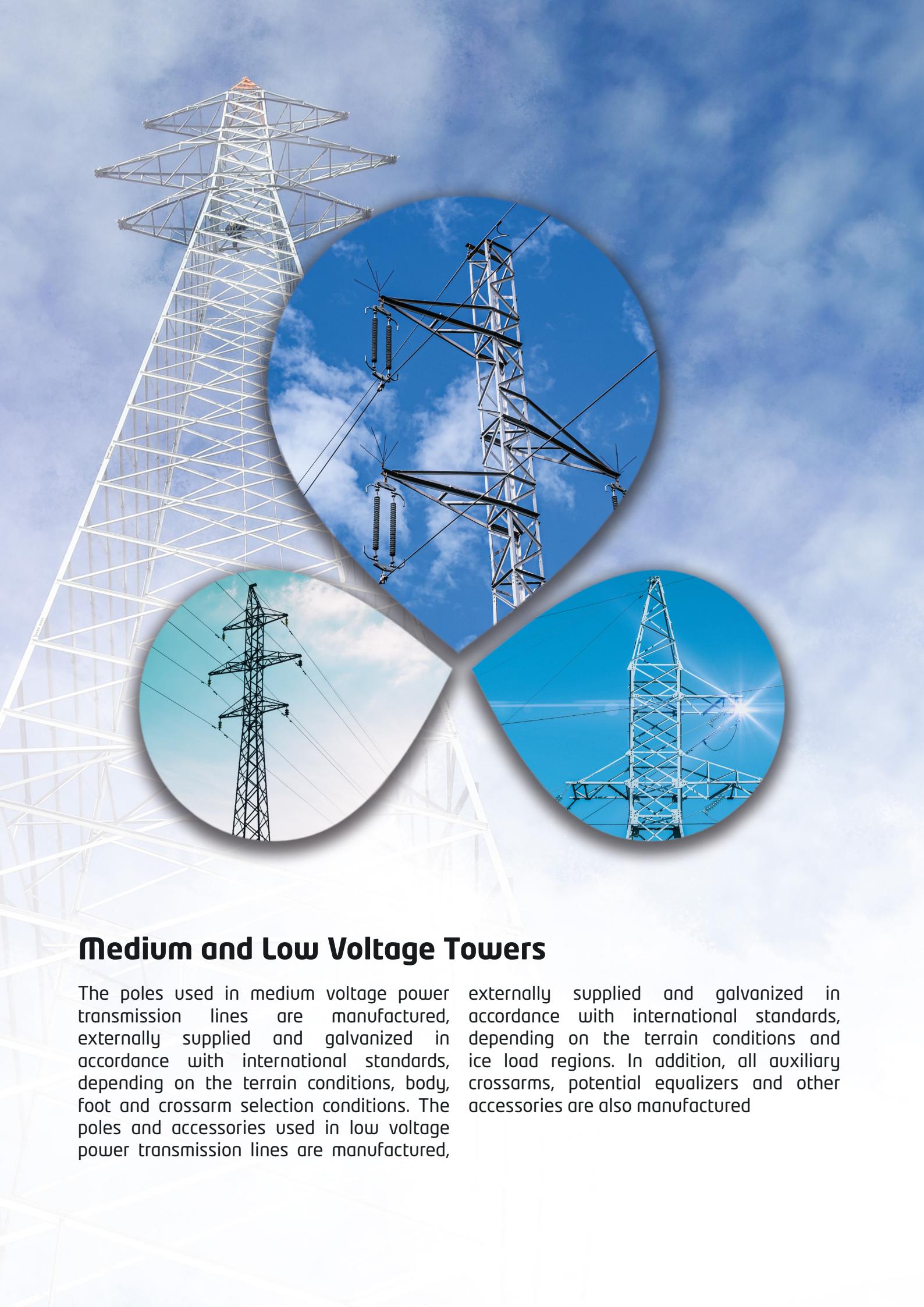


154kV  
SINGLE CIRCUIT



400kV  
DOUBLE CIRCUIT



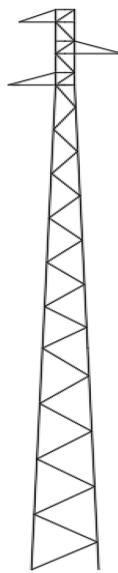


## Medium and Low Voltage Towers

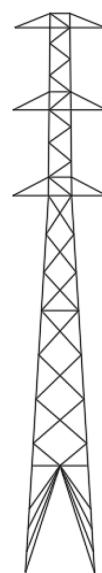
The poles used in medium voltage power transmission lines are manufactured, externally supplied and galvanized in accordance with international standards, depending on the terrain conditions, body, foot and crossarm selection conditions. The poles and accessories used in low voltage power transmission lines are manufactured,

externally supplied and galvanized in accordance with international standards, depending on the terrain conditions and ice load regions. In addition, all auxiliary crossarms, potential equalizers and other accessories are also manufactured

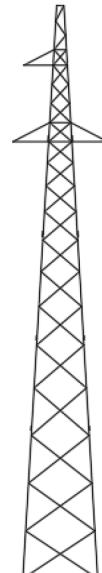
## Medium Voltage Towers



34.5kV SINGLE CIRCUIT  
TEDAŞ TYPE LATTICE TOWERS



34.5kV DOUBLE CIRCUIT  
TEDAŞ TYPE LATTICE TOWERS



VARIOUS MEDIUM  
VOLTAGE POLES  
OVERSEAS

## Low Voltage Towers



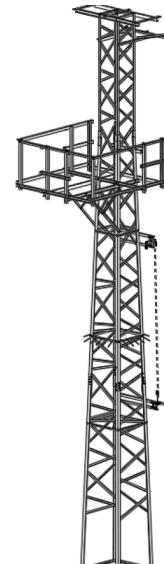
LOW VOLTAGE  
TEDAŞ A-TYPE  
LATTICE TOWER



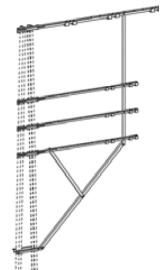
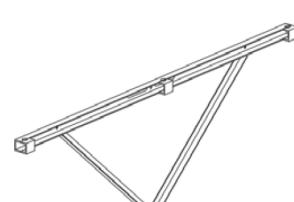
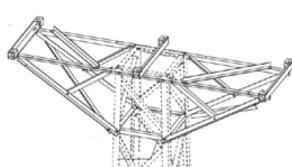
LOW VOLTAGE  
TEDAŞ K-TYPE  
LATTICE TOWER



LOW VOLTAGE  
PLASTINA K-TYPE  
LATTICE TOWER



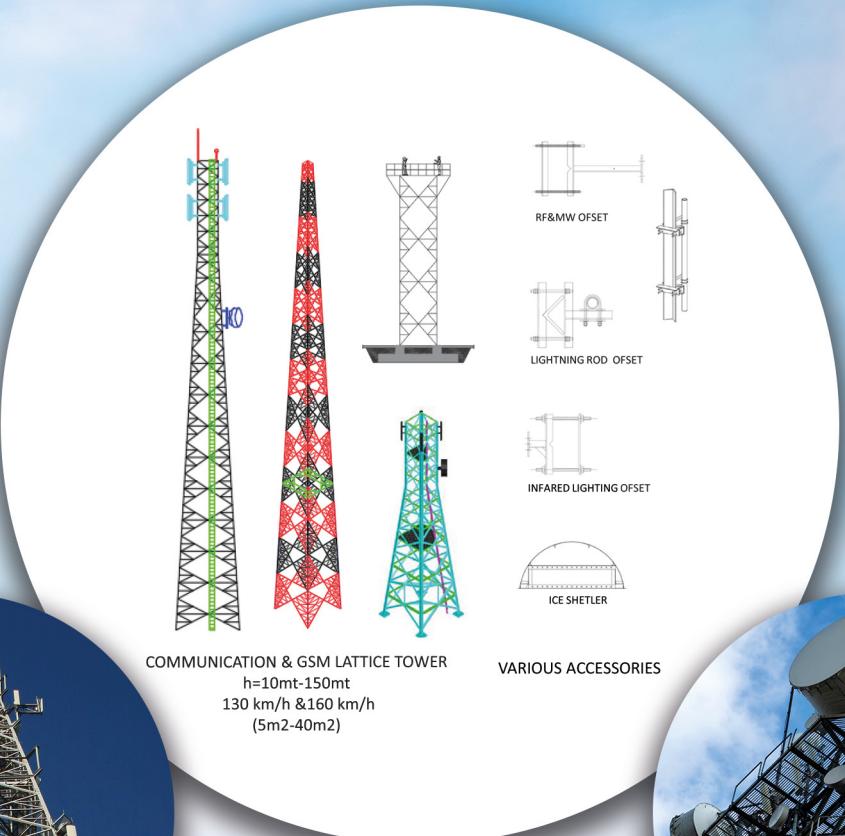
TEDAŞ K-TYPE  
LATTICE TOWER  
FOR TRANSFORMER



# Substation Steel

Transformer substations are manufactured, externally supplied and galvanized in accordance with international standards. In addition, all auxiliary steel structures (supports, channels, covers, etc.) located in transformer substations are also manufactured.





**Steel  
Structure**

**Roof Top  
Towers**

## Telecom - Tv Towers

Design, manufacturing, external sourcing and galvanizing are carried out in accordance with international standards for, Telecom and TV Towers. In addition, the design and production of all steel accessories (offset, ladder, platform, corrugated, etc.) located on the poles are carried out. Telecom, and TV towers are constructed in 3-legged, 4-legged



## Other Lattice Towers

- 1 Camera Towers
- 2 Projector Towers
- 3 Wing Energy Towers







**Cepas**  
Gonvarri Industries



**Road Steel**  
Gonvarri Industries



**Lattice Towers**  
Gonvarri Industries



[website](#)



[linkedin](#)

175. Sokak No: 2 - 2/A  
İstanbul yolu 25.KM.) Saray Mahallesi  
Kahramankazan / Ankara / Türkiye

+90 312 815 47 23  
[info@cepas.com.tr](mailto:info@cepas.com.tr)  
[www.cepas.com.tr](http://www.cepas.com.tr)