baran

STEEL & GALVANIZING

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ABOUT US

The company was established in the 70's in a 200m2 workshop. Driven for success and thanks to the skill and support of our workforce, we soon became a well known company in the steel structure fabrication sector.

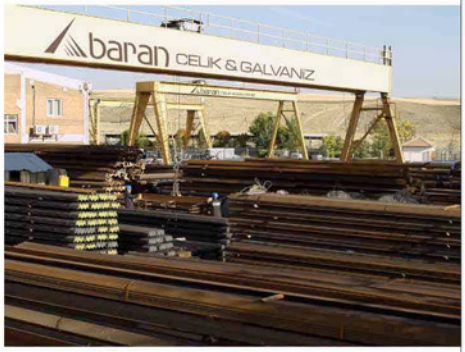
As the demand grew, Baran Steel and Galzanizing expanded and moved to bigger premises.

By the end of the 80's, a building devoted to hot dip galvanizing was added to the facilities.

As soon as ISO-9000 Quality Management System was introduced in Turkey, Baran became one of the first companies to implement it and receive the certification.

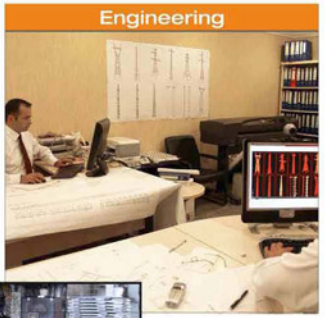
In the years that followed, we updated our equipment with CNC technology and renewed the lines upgrading both our capacity and the quality of our service.

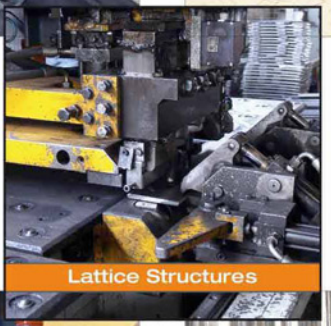
Today, Baran Steel and Galvanizing operates in a 9,000 m2 indoor and a 15,000m2 outdoor area with a steel structure fabrication capacity of 36,000 tons and 40,000 tons of galvanizing, featuring a wide range of products such as overhead power transmission lines, substation structures, modular masts, monopoles, lighting poles and any kind of tubular steel structures and telecommunication lattice towers.



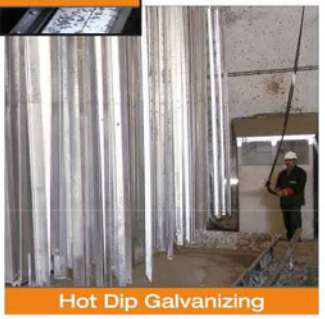

40 YEARS
EXPERIENCE


Quality Control & Assurance


Engineering


Lattice Structures

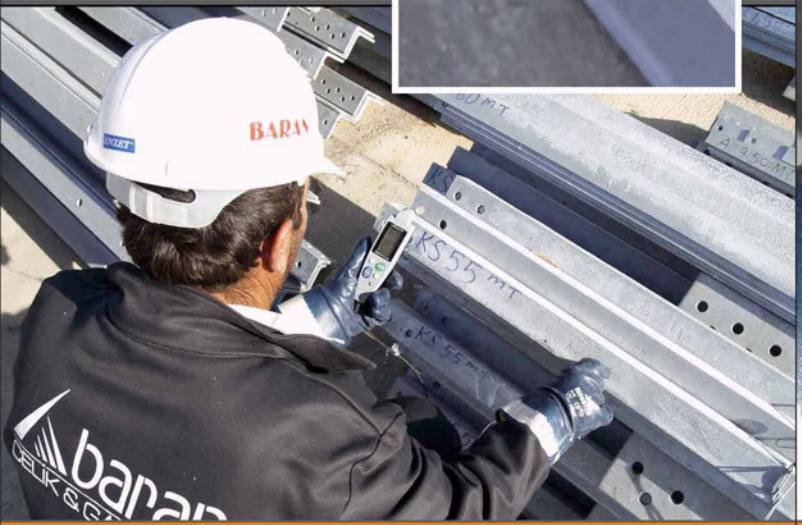

Tubular Structures


Hot Dip Galvanizing

Meeting tight deadlines, minimizing your turn around time together with strict quality guidelines, lie at the core of our success.

Every part of the manufacturing process is subject to a three phase (initial, intermediate, final) quality control before reaching delivery.

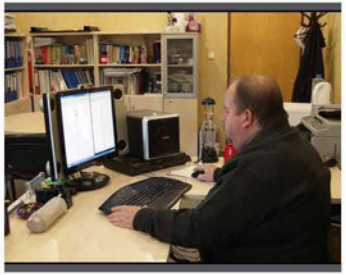
We can accommodate your shipping needs: whether it be maritime, road or air freight, our products are carefully labeled and packed in accordance with your demands, accurately following the packing lists, ensuring deliveries are met on time and within budget.

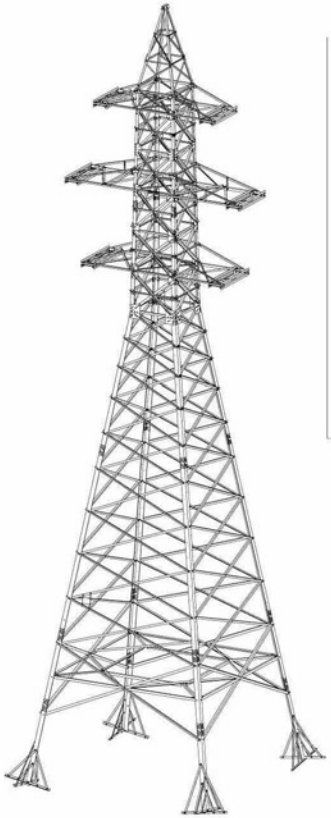


Baran Steel and Galvanizing has a dedicated approach to problem solving. To attain the most cost effective design and develop feasible engineering solutions, we provide consultancy services to cater for custom fabrication.

Engineering and architectural designs are prepared, analyzed and optimized in a computerized environment.

These highly sophisticated softwares directly translate designs to manufacturing data providing workshop drawings for CNC machines.





We use cutting edge software to produce 3D models and detailed drawings of our products to submit for the approval of our customers.

These softwares are:

1. XSteel / TEKLA
Steel Structure Modelling

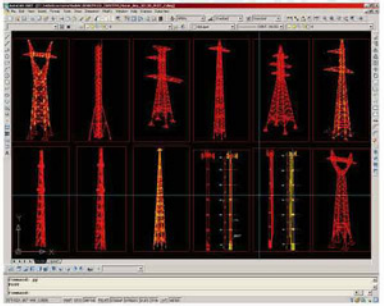
2. PIs-Pole / POWERLINE
Pole Design and Analysis

3. Tower / POWERLINE
Design – Analysis and Optimization of Steel Lattice Towers

The structural calculations of telecommunication towers are made in accordance with international telecommunication tower standards such as TEIA/EIA-222F or 22G

Solutions that comply with national and international standards are used for overhead power transmission lines and substation steel structures.

ENGINEERING

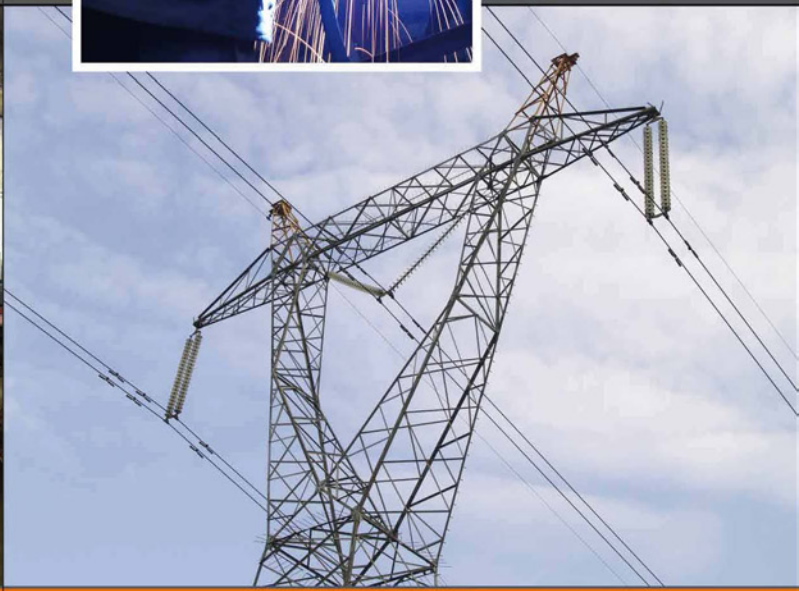


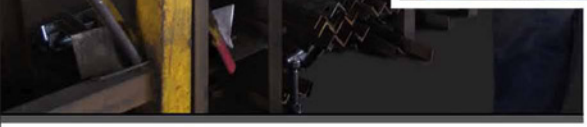
All our operations are conducted prioritizing work safety and environmental health, all necessary precautions taken at each stage of production.

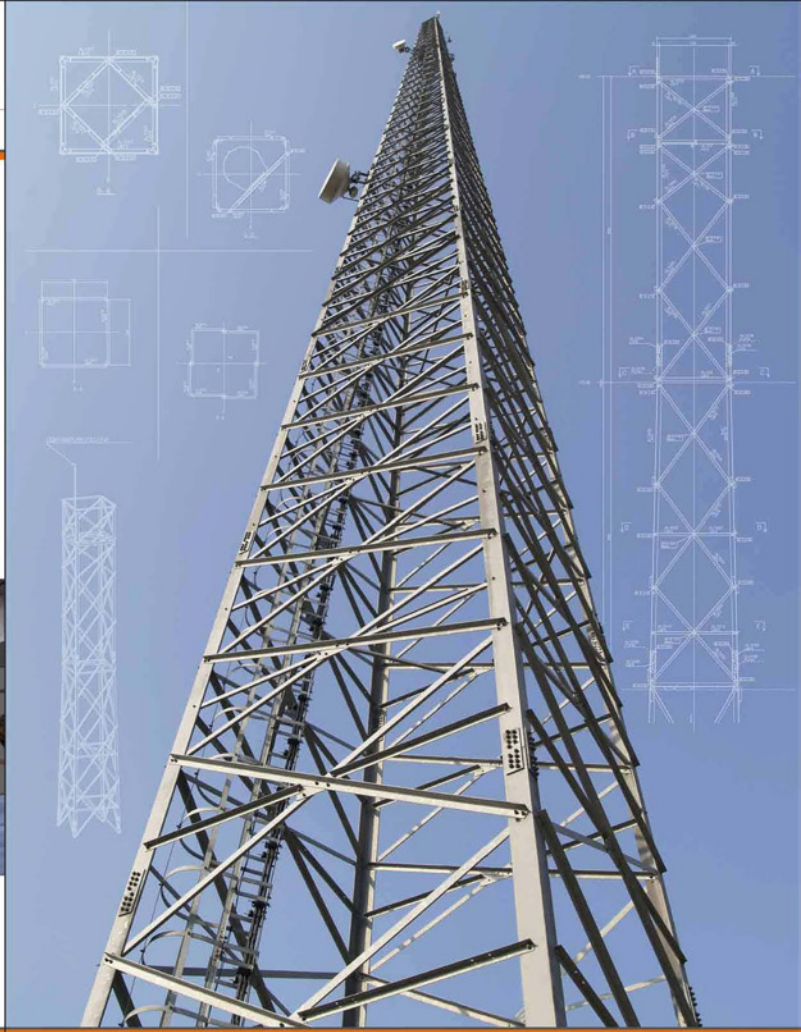
Our standard of excellence also covers our extensive stock of raw material for increased flexibility in structure options, delivery schedules and custom projects.

The data prepared by the engineering department is exported to the CNC machines ensuring the programmed parameters are delivered error free. Quality control data is recorded at every stage of the manufacturing process by our own on site inspectors.

When a product is manufactured for the first time at Baran Steel and Galvanizing, a prototype is first prepared, then evaluated. Mass production will only start when all possible problems are ruled out.







CNC technology is also part of the tubular manufacturing facility with its upgraded lines. Every procedure including shearing, bending, drilling and welding is done as per the parameters exported from the engineering models directly to the machines ensuring precision and repeatability.

TUBULAR STRUCTURES

To be able to meet a wide range of demands, we work with CNC cutting edge technology. High tensile steel of up to 12 mts long by 18 mm thick is bent in our 1,200 ton capacity brake press.

For cutting 8.0 mm or thicker plates, we use oxygen cutting technology. For precision cutting we have a 24 mt long plasma machine.

As for drilling, we can handle up to 90 mm plates with our drilling line. Tubular structures of less than 50 cm in diameter are welded in our camera controlled automatic feed conveyor welding machine while materials of a bigger diameter are processed manually.

When a tubular product is manufactured for the first time, a prototype is first prepared, then evaluated. Mass production will only start when all possible problems are ruled out.

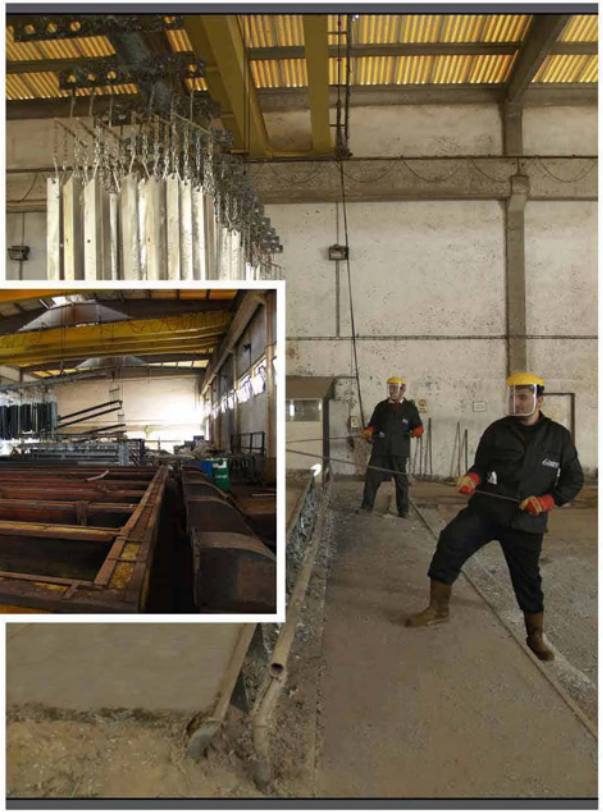
At a specialized workshop we take care of custom jobs everything from anchorage to the renewables of our own machines.

HOT DIP GALVANIZING

Baran galvanizes in its own facilities using only the highest quality raw material with proven quality procedures according to national and international standards.

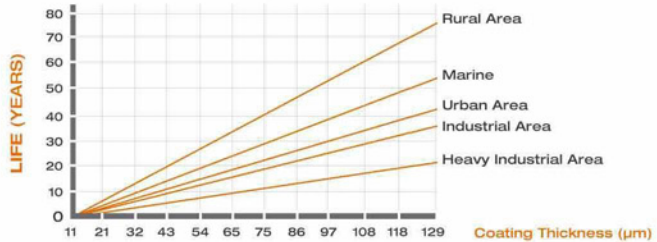
It is the policy of Baran to produce fully supporting and providing the necessary resources for the preservation of the environment and the health of the workforce.

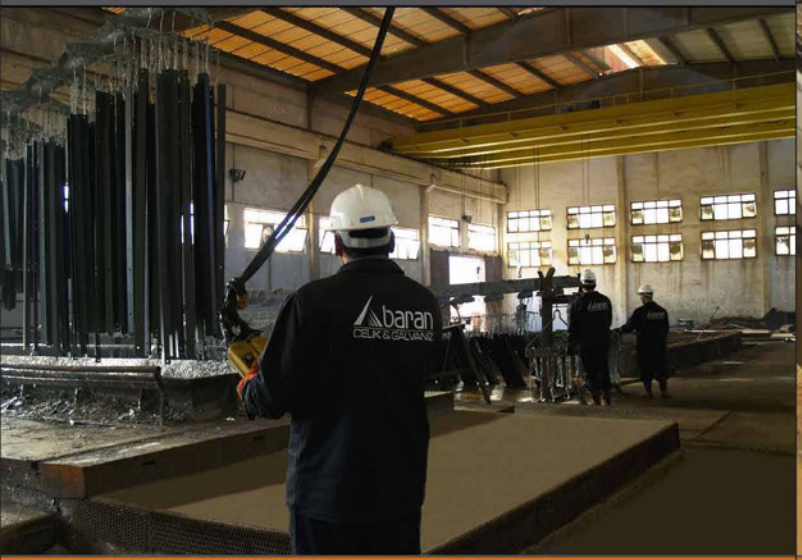
Our products are shipped to the customer only after their quality and conformance to customer specifications can be assured.



At **Baran Steel and Galvanizing** galvanizing is done according to the **TS 914 ENISO 1461** standard.

Life of the Galvanized Coating





Quality Management System Certificate


KALİTE YÖNETİM SİSTEMİ BELGESİ
QUALITY MANAGEMENT SYSTEM CERTIFICATE
K - Q
TSE-ISO-EN
9000
TÜRK STANDARDLARI ENSTİTÜSÜ
TURKISH STANDARDS INSTITUTION

Quality Management System Certificate


KALİTE YÖNETİM SİSTEMİ BELGESİ
QUALITY MANAGEMENT SYSTEM CERTIFICATE
EK / APPENDIX
K - Q
TSE-ISO-EN
9000

Turkish Standards Instution
(TSE) Compliance Certificate


TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

SOME OF THE COMPANIES THAT USE OUR PRODUCTS

TURKCELL vodafone avea ERICSSON MOTOROLA
orange MEKOM TELECOM GEOCELL Samsun TURKKULE
Nokia Siemens Networks ANTENNAS Nar mobile CALIK HOLDING ITISALUNA
EUROPOLES ORASCOM TUNC life:)
Asiacell PALMET ucell eagle MOBILE AYKON
Antensan HUAWEI ZAIN idm PRODÜKSİYON & ELEKTRONİK
TTS Bakcell artitel Alcatel·Lucent

SOME COUNTRIES WE EXPORT TO

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