WITH EXPERIENCE IN METAL PROCESSING AND CONSTRUCTIONS, METAL TRADE AND ELECTRIC POWER TRADE
TM Technology JSC is designed and equipped for wide range of operations of machining, assembling and manufacturing of unique machines and equipment.

For example:

fin stabilizers, fin boxes, excavator buckets, grinding mills, repair of railway wagons and other equipment and spare parts for metallurgical, energy, cement and chemical industries.
LOCATION

The plant is located to the east of the Danube Bridge and is next to Danube River and the motorway Ruse – Varna. The plant is located within the former heavy machine building integrated plant. Transport links are ensured through automobile, railway and river transport. There is a port near the plant serving barges up to 5000t as well as bulk cargo.
PREMISES

Open warehouse area of 6000 m²
PREMISES
Closed workshop halls 65 000m²
PREMISES

The production halls are equipped with cranes, with lifting capacity from 5 up to 160 tons.
NEW EQUIPMENT

CNC hydraulic bending press

- Compression force: 8000KN
- Compression force per linear meter: 2500KN
- Length of folding: 8200mm
- Distance between columns: 6400mm
- Anti-deformation system WILA compensate bending crowning
- CNC CONTROL WITH FREE PROGRAMMABLE LIMITS ON ALL AXES.
NEW EQUIPMENT

MicroStep CNC Oxy-Plasma Cutting machine

- 12,000mm x 4,000mm
- max thickness 250mm
- Measuring system: incremental sensors
- 3D rotary head up to ±50°
- Accuracy of plasma cutting: according to DIN 9013
- Accuracy of positioning: ±0.10 mm
MACHINES WITH CNC CONTROLS

Processing Centre SORALUCE FP-8000, Heidenhein iTNC 530 controls

Maximum dimensions of processed piece 6500mm-7200mm
x2600x1500mm
PROCESSING MACHINES
FOR LARGE-SIZED PIECES

Boring machine W250H

- Spindle diameter 250 mm
- X = 17000 mm
- Y = 5000 mm
- Z = 2000 mm

- Rotating table, Q=24t, dimensions
  - 2500mm x 2500mm
PROCESSING MACHINES FOR LARGE-SIZED PIECES

Boring machine SKODA W200H

Maximum dimension of processed piece: 6900x3000x1600mm
PROCESSING MACHINES FOR LARGE-SIZED PIECES

Boring machine W160H

Spindle diameter 160 mm,
X = 7000 mm
Y = 3000 mm
Z = 1600 mm
MACHINES WITH CNC CONTROLS

TwinkCat CNC

With Beckhoff controls processing pieces with up to 1500x4000mm
MACHINERY

Cutting and planning machines:

- TITAN model FLP 660 x 3000mm

Milling machines:

- FU 321, HECKERT model F400, TOS model FC63A, weight 650 x 2500mm, moving 500mm, headmoving 1000mm.

Radial drill machines:

- CSEPEL RFh75/2000
- CSEPEL RFh75/1750
MACHINERY

Horizontal drill:

- UNION model BFT 130/5, spindle 130mm, table 2000 x 1800 mm, move of the table X = 2455mm, Y = 2785mm, vertical move spindle box 1800 mm, outlet to the spindle 1000mm;
- UNION model BFT 130/5, spindle 130mm, table 1600 x 1400 mm, move of the table X = 1500mm, Y = 2000mm, vertical move spindle box 1600 mm, outlet to the spindle 1000 mm.

Lathes:

- Lathe CY400, TOS V18RA;
- Vertical lathe TITAN model SC 22, faceplate diameter 2000mm, maximum diameter of the work pieces 2150mm, maximum machining height 1500 mm, maximum weight 12 t.
THERMAL TREATMENT

Stress relief furnace for metal constructions with dimensions up to 4500x3700x2000mm
MANUFACTURING

Stabilizers – fins and inserts from 15tons to 45 tons
MANUFACTURING

Generator casings up to 20 tons
MANUFACTURING

Generator and Motor Frames with dimensions up to 15000x3500x1500mm
MANUFACTURING
Large dimensional Welded constructions
MANUFACTURING
Cisterns and pressurized tanks from up to 5000 m³
MANUFACTURING
Machine parts produced as a set for machines for the mining industry
MANUFACTURING

Chassis (frameworks and crossbeams) for excavators with dimensions 29000 x 5000 mm x 25000mm and weight up to 80T
MANUFACTURING

Excavator buckets with various specifications
CERTIFICATION FOR QUALITY MANAGEMENT AND TECHNICAL REQUIREMENTS
TM Technology has received license for electricity trading №L-426-15 as of 29.10.2014 issued by the State Energy and Water Regulatory Commission. The company is part-owner in the business.

The company supplies electricity to the whole industrial complex where a number of facilities and factories are located.
ELECTRIC POWER TRADE

Furthermore, TM Technology possesses the tools and equipment required to follow the stream of information through indicators, analyzed by specialists.
THANK YOU FOR YOUR ATTENTION!

TM TECHNOLOGY