

FOUNDRY AN



WWW.FOUNDRY-AN.COM

ABOUT US

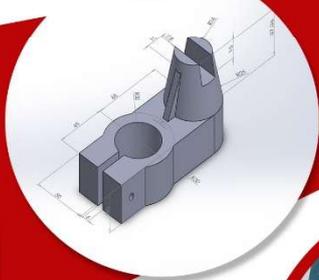
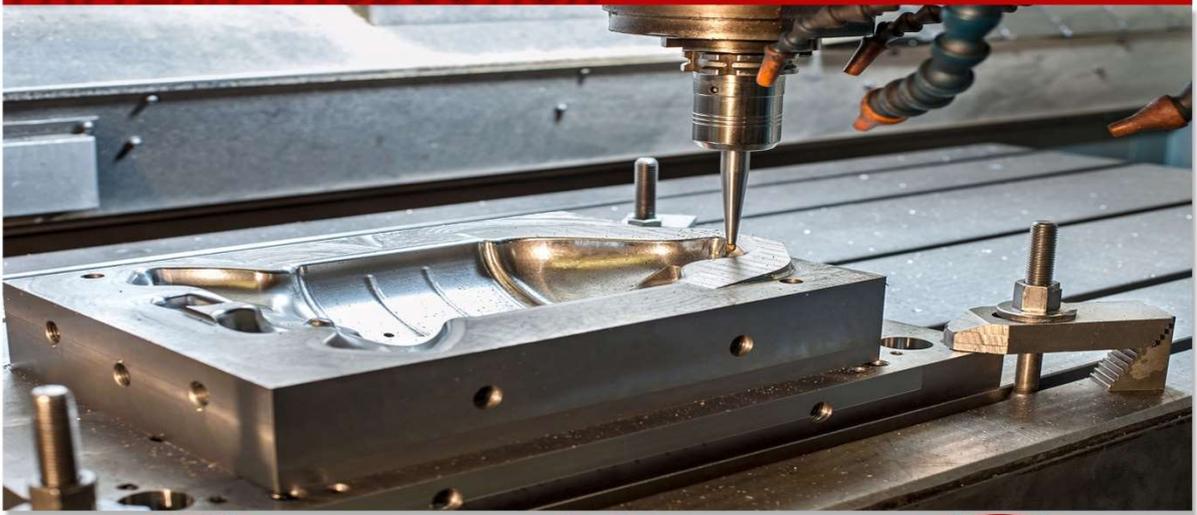
An Dış Ticaret İnşaat San. Ltd. Şti. is a reliable supplier for companies who need castings as raw or machined. Our product range includes the following materials: Grey cast iron, Ductile iron, steel casting for wear applications such as manganese steel casting unalloyed, low-alloy and alloy steel casting parts. After 15 years foundry experience we were able to add value to casting parts. According to need of customer, we can supply parts with added value this means; we can make additional operations after casting such as turning, machining, milling, assembly, Heat Treatment, Coating. Our group consists of one export company (An dış ticaret) and two foundries, which specialize in cast iron and cast steel. Both are ISO 9001 certified. Our foundry equipment consists of a medium-frequency induction furnace with a capacity of 500 kg / hour.

In addition to hand moulding we also use the shell molding process for precise surfaces. Cores are produced by shell molding process and by a CO2 (aminegas) core machine. Our foundry is specialized on hydraulic parts, valve parts, machine parts, tool parts and wear-resistant cast steel. Our sales to European countries, Russia, UK, Austria, Canada, South America and United States is annually around 1.200,000 €



Abdullah ÜLKE
(Founder and General Manager)

PATTERN PRODUCTION



CORE SHOP



According to specific requirements of the casting surface on demand of customer, we use various core production methods ; CO2 gas cold-box process, shell process and amine gas process.



MOULDING-CASTING



According to the technical requirements of casting, following moulding processes are in our moulding area applied:

- Hand moulding (Green sand , Furan method)
- Shell Moulding
- Coldbox process

Depending on the surface accuracy and general casting tolerances, we chose one of the above mentioned moulding methods.

Minimum Part Weight ; 100 g

Maximum Part Weight ; 400 kg... to be cast.

Diamension of Parts ; 150 cm x 150 cm h=50 cm

Pipe Parts Max. Length; 300 cm



MELTING & CASTING



We use a medium frequency induction furnace with melting capacity 500 kg/hour.

We use certificated raw materials in our furnace. After melting we get sample from furnace and we check chemical analyse of melting. In case of deviation of target analyse we make correction in furnace, through adding some charge material.



SURFACE CLEANING & WAREHOUSE



QUALITY



ISO Certificate



Hardness Testing



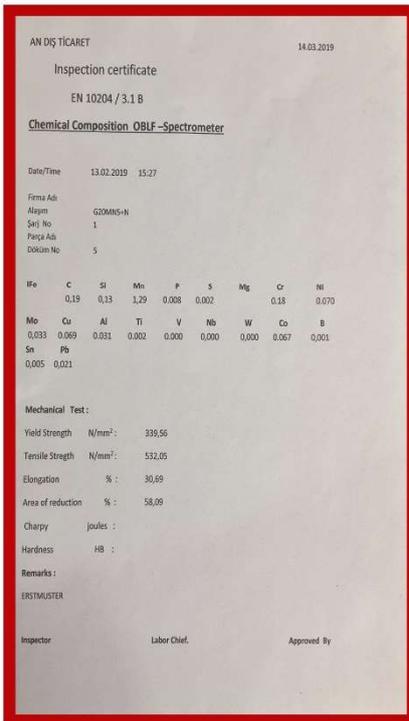
Mobile Hardness Testing



Microstructure Control



Chemical Analyse



Material Certificate



Magnetic Particle Inspection



Liquid Penetrant Testing



Tensile Testing



Ultrasonic Testing

MACHINING



**CNC Horizontal Machining Center
(Double Table 550-550 MM) Doosan
Axis; 800-800-800 (X-Y-Z)**



**CNC Horizontal Machining Center
(Double Table 630-630 MM) Matsura
Axis; 1100-1100 (X-Y-Z)**



**CNC Turning Machine With C Axis
Diameter : 400
Length : 2000**



Universal Bohrwerk



**CNC Turning Machine
Markt Name : You Ji
Turning Part Max .Diameter : 400
Turning Part Max.Length : 500
Steuerung : Fanuc**



**CNC Horizontal Machining Center
(Double Table 400-400 MM) Okuma
Axis ; 550-550-550 (X-Y-Z)**



**CNC Turning Machine
Markt Name : S 20
Turning Part Max. Diameter : 280
Turning Part Max. Length : 550
Steuerung : Fanuc
S 20**



**Universal Turning Machine
Turning Part Max. Diameter : 550 MM
Turning Part Max. Length : 2000 MM**

WEAR PARTS



VALVE INDUSTRY



MACHINE INDUSTRY



AGRICULTURE INDUSTRY



HYDRAULIC INDUSTRY

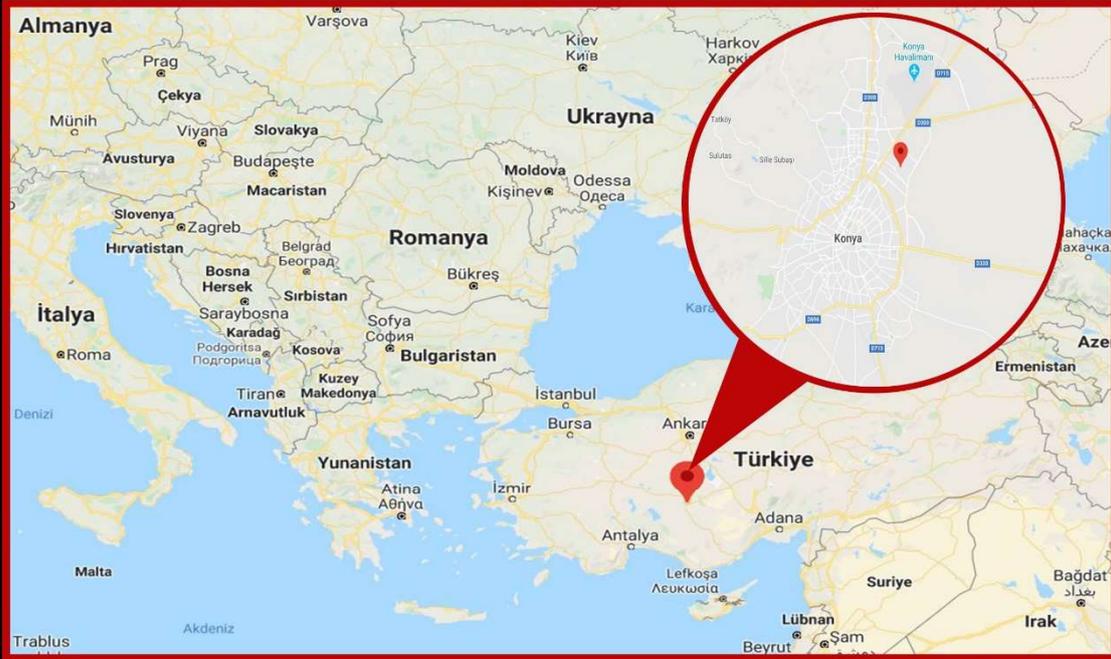




- Casting
- Powder Coating
- Heat Treatment
- Turning

FOUNDRY AN

- Milling
- Machining
- Assembly
- Quality Control



ADRESS HEADQUARTER

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