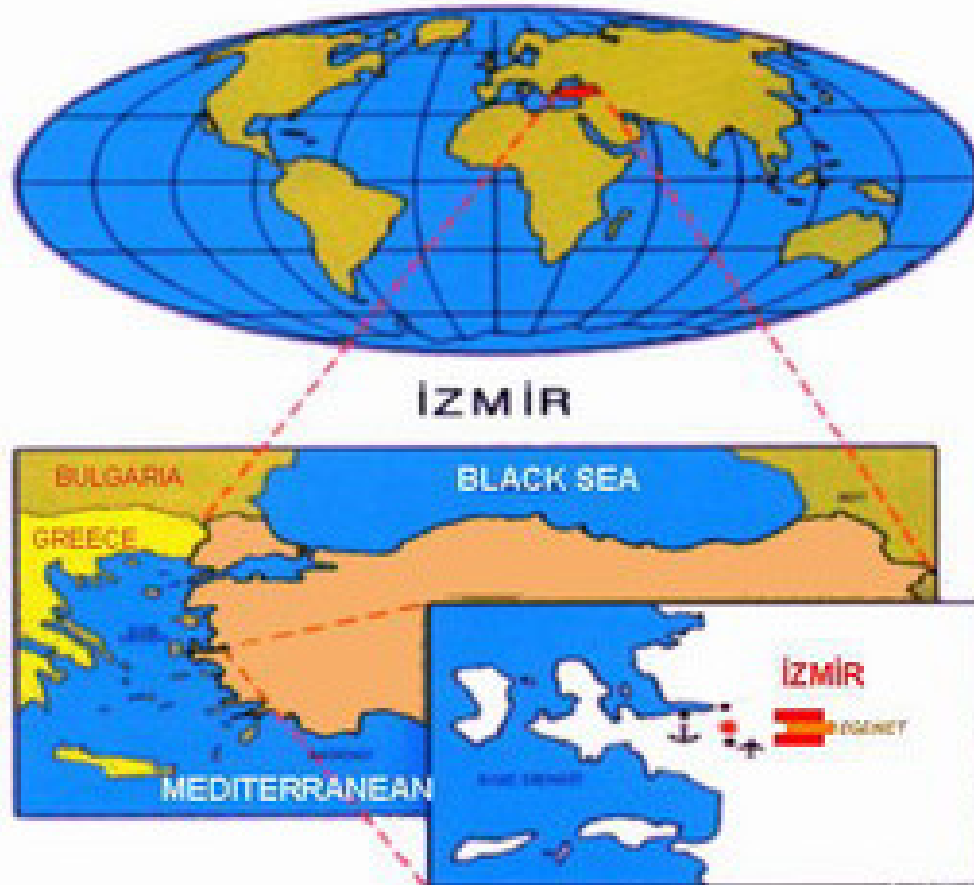




**EGEMET**

**EGEMET PRESENTATION**



- Egemet is at İZMİR, third biggest city and 2nd largest export gate of TURKEY.
- İZMİR is connected to all major destinations with **daily flights** directly or via İstanbul.
- **Logistically well connected**, daily road shipments to Europe and Middle East and frequent sea shipments to all major destinations are available.

- 
- EGEMET is family owned private company
  - EGEMET has been operating since 1998 on a 3000 m<sup>2</sup> of open and 2500 m<sup>2</sup> closed area
  - We are forging 5000 tons of forgings from 0,2 kg up to 45 kgs
  - EGEMET employs 15 white collar 75 blue collar employee

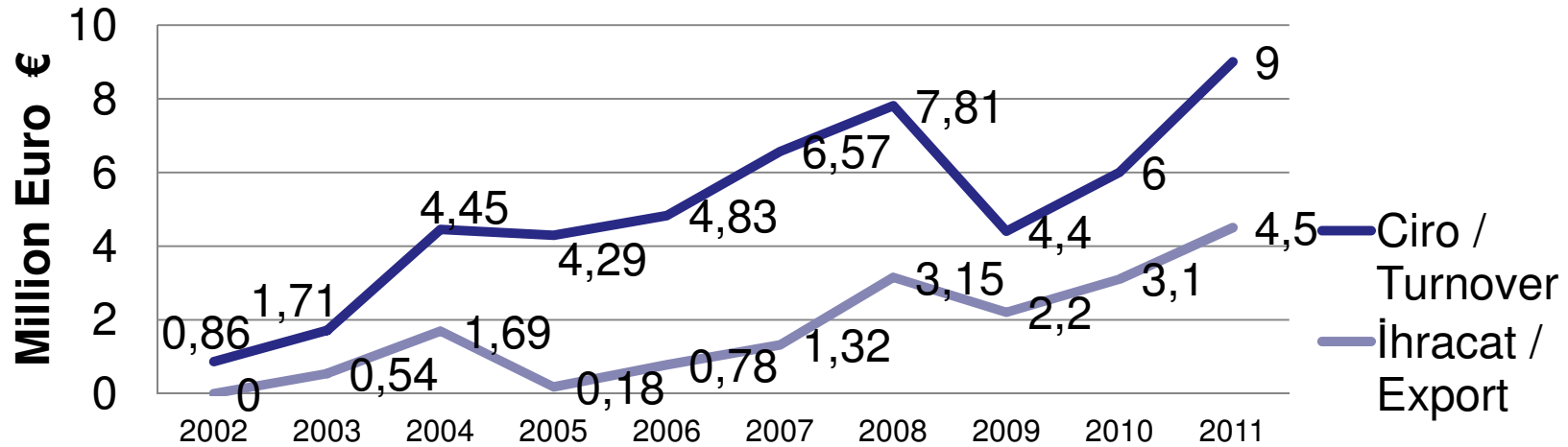
When safety and reliability are required there is no alternative to forged steel and EGEMET has been dedicated to satisfy its customer's needs since the beginning.

EGEMET has been serving following major groups:

- AUTOMOTIVE
- AGRICULTURE
- MACHINE INDUSTRIES



## Turnover-Export



**Egemet has achieved a steady growth over the years till 2008 by the help of steady growth of exports by year 2011 Egemet has done 50% of it's turnover from export products.**

**Germany-France-Sweden-Hungary and Austria are the main export countries of Egemet**

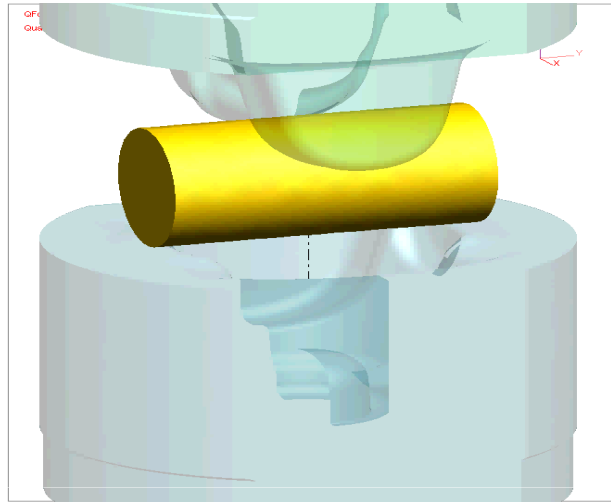
- All material which is required for production is;**
- Supplied strickly according to the customer specifications**
  - Stocked according to the grades and heats**
  - Traced trough all the processes and records are kept**



All the forging processes are designed by the help of **CAD/CAM** programs. **CATIA** and **CADKEY** are used as **CAD/CAM** programs.



All the dies are produced by most up to date **CNC** machinery. Dies are fully tested prior to be used in forging shop.



EGEMET is a LVHM plant. There are around 500 different parts forged in small volumes. To attain efficient and quality production lean production methods are applied. EGEMET's best advantage is its flexible production line.

0.2 kg up to 45 kgs of parts with various complexity is forged in 5 different forging lines.

EGEMET's Forging Line Contains ;

- 1 drop hammer MPM 6300
- 1 drop hammer MPM 10000
- 2 maxi presses of 1600 tons & 1000 tons
- 1 screw press of 630 tons
- 5 units of eccentric presses between 100-160 tons





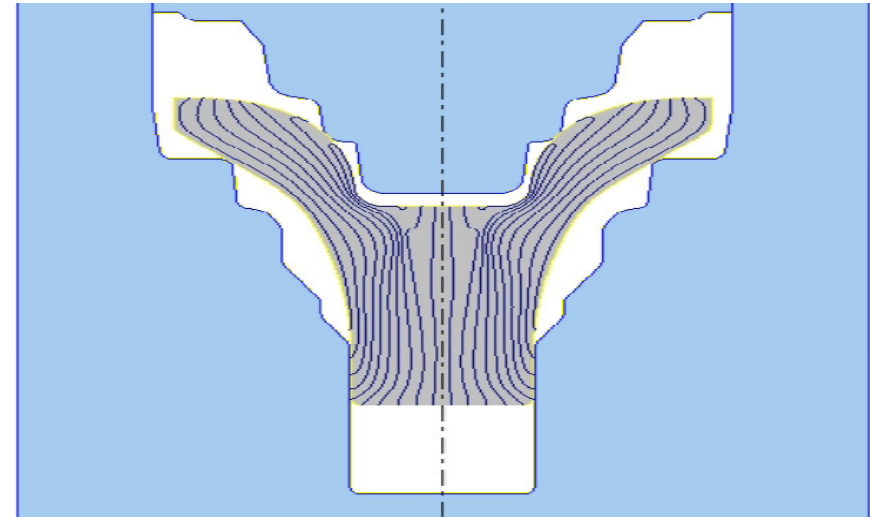
- Egemet has capability of normalizing it's products
- Egemet uses ISTAS as heat treater for other heat treating processes  
**ISOTHERMAL ANNEALING  
HARDENING AND TEMPERING**
- ISTAS is the Turkey's largest heat treatment group. It has 6 branches all through in Turkey

### **ISTAS FACILITIES IN TURKEY**



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

In order to attain required level of quality periodic controls are held during and after the forging process by the help of modern quality assurance methods (FMEA, SPC, GR&R etc.)



- In EGEMET quality control department
- For the safety parts 100% **Magnetic Particulate** testing and hardness testing is applied .
  - Prior to be heat treatment and after the heat treatment samples from all parts are **metallographically** investigated.
  - **Spectrometric** testing is applied for the materials forged in EGEMET.

Egemet has vast capability of machining and assembly by the help of well skilled and equipped partners.

Machining partners which we are in cooperation with mainly serving for :  
Automotive-Machine-Agriculture and Defense industries . Therefore we have capability of having cooperation for many types of machining and assembly



Egemet has many cooperation opportunities with many coating companies which have been serving for automotive industry with the capability of :

-Various Coating and surface treatment proceses

Zinc Plating

Zinc and Manganese Phosphate Plating

Copper-Nickel-Chrome Plating

Brass Plating

Zinc Chrome

ARCOR

Deltatone

-Testing of these coatings upto EU norms





### **ISO 9001:2008**

As the main quality management system, Egemet has the certification and QMS approach within every department of company since 2003.



### **ISO/TS 16949:2009**

Egemet has customers in automotive business and acts as Tier 2 and Tier 3 supplier for OEM's. Such as **MAN-FORD –MERCEDES – IVECO - SCANIA**  
This certificate is achieved by July 2011



### **AD 2000 W0 / W13**

Certification as a manufacturer of pressure purpose equipments.  
This certificate achieved by December 2010