

K.E.L ENGINEERING

PRECISION CNC PARTS | MACHINERY REPAIRS



Precision CNC parts | Machinery repairs | Machine workshop

WHO WE ARE

Our company, KEL Engineering, was established in the area of Elefsis, Greece. The initial working target was glass injection molds for the medicine and glass bottling industry. Over the years, the company evolved into manufacturing and repairing metal parts and machinery. In more details, our company is specialized into"

- ✓ **Manufacturing metal parts**
- ✓ **Manufacturing molds**
- ✓ **Manufacturing precision parts**
- ✓ **Machinery repairs**
- ✓ **Repair and maintenance of industrial gear reducers**

Nowadays, our company (known as Efstratios K. Efstratios) operates as a workshop into the area of Aspropirgos and is specialized into manufacturing precision metal parts for the heavy industry and repairing machinery such as gear reducers, with the use of of both manually operated machinery as well as –state of the art- CNC machines.

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PHILOSOPHY AND VISION

Primary target of our company is to gain the appreciation and the preference of our customers through the projects and services that can be provided.

Every day we modernize our production procedures and we are constantly trying to keep up with the rapid technology advancement so that the final product or service provided is both affordable and of exceptional quality without sacrificing the initial requests of our clients.

Our company follows strict rules for achieving the best quality of the final product or service, taking into account the environmental responsibility and forwarding legit competition. We are trying to optimize the final product using edge technology, reducing labor and manufacturing costs without sacrificing quality and usability.

SUBCONTRACTING PARTS AND SERVICES

Our company can provide a wide range of parts subcontracting and repair services such as:

- ✓ Raw material machining (ferrous and non-ferrous metals, polymers, composite materials)
- ✓ Machining and manufacturing of die cast parts (free cast or forged)
- ✓ Machining of flame/plasma/waterjet cut materials
- ✓ Measuring/metrology and quality inspection of parts or machinery components after manufacturing or repairing
- ✓ Gear manufacturing through third party affiliated partners (gears can be honed or case hardened such as carburizing, nitrating, annealing, induction hardening)
- ✓ Machining of polymers, plastics and composite materials
- ✓ Research and development – R&D
- ✓ Reverse engineering of parts and machines
- ✓ Machinery repairs
 - Gear reducers
 - Pumps
 - Excavation machinery
 - Cold/hot rolling machinery for metals
 - Packaging machinery
 - Food processing machinery

CUSTOMERS

The field of our company's customers is derived from a wide range of applications, for sub-contracting manufacturing of parts or equipment repairs for industry, such as:

- ✓ Cement Industry
- ✓ Raw material production
- ✓ Oil and gas Industry
- ✓ Casting companies
- ✓ Recycling
- ✓ Wind and renewable energy industry
- ✓ Mining
- ✓ Energy applications
- ✓ Pharmaceutical Companies
- ✓ Robotic systems industry
- ✓ Aviation and Space Industry

The ultimate goal of KEL Engineering Company is to affiliate long term bonds with its customers. Thus, strict professionalism is applied throughout and the company adjusts to the constantly changing needs of the European and domestic markets

This is proved by the current customers and clients that trust our company although the great competition. This can be proved by the daily inquiries showing up every day, as well as the long term contracts with well-known companies



EQUIPMENT

- ✓ CNC turning center DMG-MORI NLX 2500-1250 equipped with Y axis and sub-spindle.
Max working envelope $\text{Ø}350 \times 1250 \text{ mm}$
- ✓ CNC 4 axis vertical milling center DMG-MORI NVX 5100
Max working envelope $1050 \times 550 \times 520 \text{ mm}$
- ✓ Horizontal lathe Toss SN71
Max working envelope $\text{Ø}550 \times 4000 \text{ mm}$, $\text{Ø}980 \text{ mm}$ near the chuck
- ✓ Horizontal lathe SN51
Max working envelope $\text{Ø}250 \times 1000 \text{ mm}$
- ✓ Horizontal lathe Toss SN51
Max working envelope $\text{Ø}350 \times 2000 \text{ mm}$
- ✓ Horizontal lathe, max working envelope $\text{Ø}400 \times 3000 \text{ mm}$
- ✓ Horizontal lathe, max working envelope $\text{Ø}260 \times 1500 \text{ mm}$
- ✓ Vertical milling machine, max working envelope $600 \times 350 \text{ mm}$
- ✓ Vertical milling machine, max working envelope $900 \times 420 \text{ mm}$
- ✓ Welding machines, MIG type, wire diameter up to 2.5 mm an current up to 450 A
- ✓ Welding machine, TIG type 250A, AC/DC
- ✓ Hydraulic cylinders up to 100T ENERPAC
- ✓ Hydraulic pressure pumps ENERPAC up to 800 bar
- ✓ Max lifting capacity 2000 kg
- ✓ Band saw, max diameter 300 mm
- ✓ Column type drilling machine up to 1200 mm
- ✓ Designing and prototyping: CAD/CAE Solidworks 2019
- ✓ CAM Openmind Hypermill 2019 + Volumill HSM (High Speed Machining)
- ✓ ERP Pylon



MECHANICAL EQUIPMENT



Q-CERT

ΠΙΣΤΟΠΟΙΗΤΙΚΟ/CERTIFICATE

QMSCERT, an accredited provider of third-party system certification organization for ISO 9001 quality management systems and acting in accordance with the requirements of ISO 17021 for registrars attests that:

LEGATOS EFSTRATIOS

SPITHARI LOCATION, AG. GEORGIU STR., BUILDING C,
ASPROPIRGOS, ATTICA, GREECE

with a scope of:

Design & Production of Machinery Precision Components

has established a quality management system that is in conformance with the
International Standard

EN ISO 9001:2015

October 17th, 2020
Certification Period Ending

October 18th, 2017
Initial Certification Date

October 18th, 2017
Certification Date

IAF/EA Subsector: 17.2

For the QMSCERT Board



This certification is subject to Annual Surveillance Audits. The certification is valid (for three years) only if it is followed by the annual surveillance audits approval.

For information concerning the validity of the certificate, you can visit the site www.qmscert.com



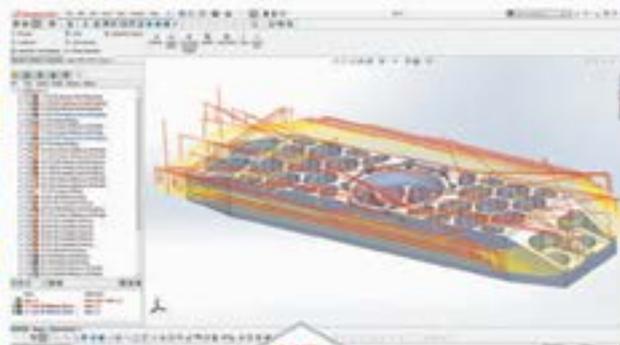
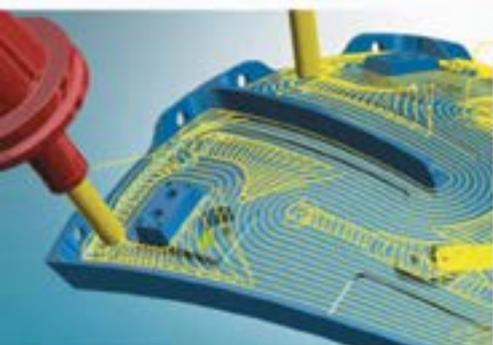
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Cert. No. 110-6

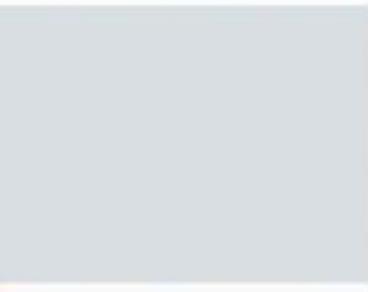
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H.E.L ENGINEERING
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Q-CERT



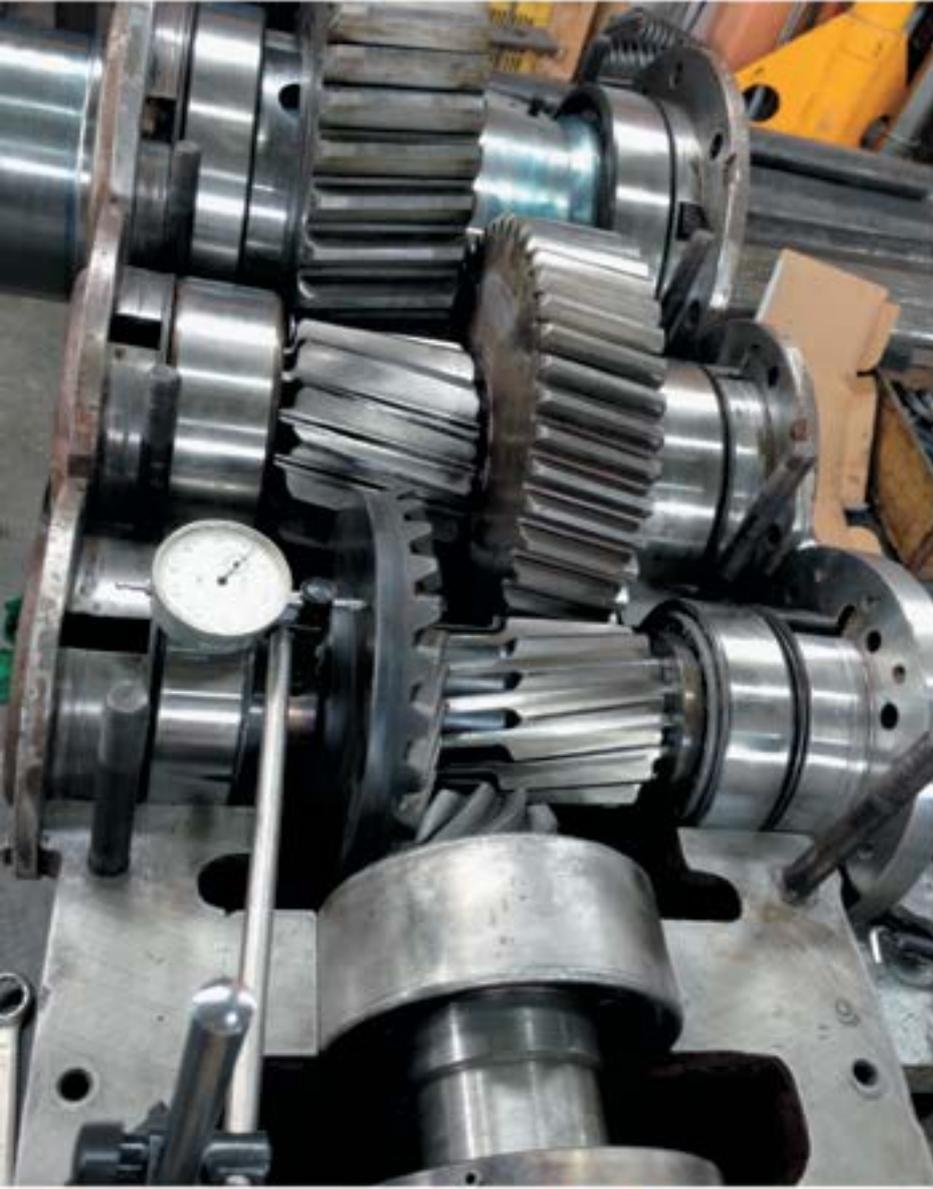
TURNING PARTS



MILLING PARTS



GEAR REDUCER REPAIR



METAL CONSTRUCTIONS SCREW CONVEYORS | ROBOTICS



AEROSPACE APPLICATIONS FOR AVIATION AND SPACE INDUSTRY



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