























Fields of application



























Industrial

Wind energy

Marine

Infrastructure

LNG

Our equipment





















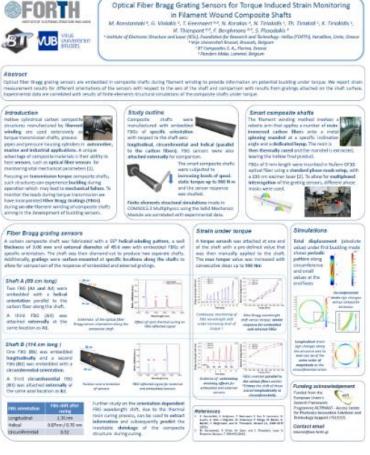
-Three production lines - two curing ovens - extractor — a variety of mandrels - CNC machines

Research projects



Hierarchical multifunctional composites
with thermoelectrically powered
autonomous structural health
monitoring for the aviation industry
'HARVEST' (H2020 EU Project)

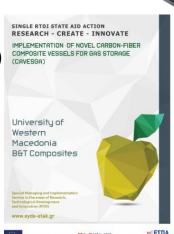
Optical Fit
Sensors for
Strain Mo
Wound Co



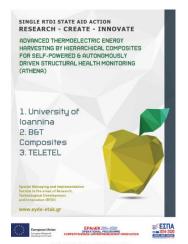
Optical Fiber Bragg Grating Sensors for Torque Induced Strain Monitoring in Filament Wound Composite Shafts Presented at Optical Fiber Sensors (OFS) which will be held at the SwissTech Convention Center, EPFL Campus, Lausanne, Vaud Switzerland



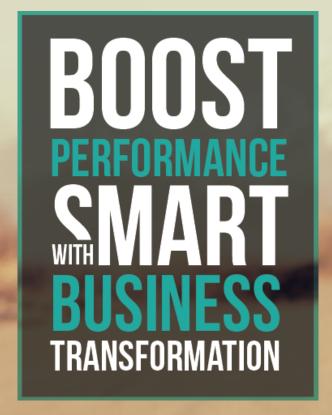




Implementation of novel carbon fiber composite vessels for gas storage



Advanced thermoelectric energy harvesting by hierarchical composites for self powered and autonomously driven structural health monitoring



Blockachain







Our solutions

Project, Process, Business: We deliver











Blockachain

Were we excel at

Technologies



Web

HTML5 - CSS - JavaScript -php - asp.net - JSF, JSP, Servlet - Bootstrap - Angular - Node.js - Drupal - Joomla - WordPress- Liferay - Dot Net Nuke



Mobile & Tablet

iOS - Android - Windows Phone - J2ME



Cloud Computing

Amazon Web Services - Microsoft Azure - Open-Stack - Ubuntu elastic cloud



Programming languages

C# - Java — Swift - Objective C - C & C++, Phython



Database Systems

Oracle - Microsoft SQL - MySQL\MariaDB - PostgreSQL - NoSQL Mongo



Application Servers

Oracle - IBM WebSphere - GlassFish — Tomcat - JBoss - .Net Framework



Innovation lab

R&D projects

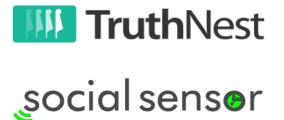
EU funded R&D projects

- Big Data
- mHealth
- News aggregation & verification
- Smart Cities & e-Government
- Blockchain technology, Smart
 Contracts, DLT Communities



Commercializing R&D









ENERGY CONSTRUCTION COMPANY

- o info@eccike.com
- occiko com
- eccike.com
- Oikismos Lida Maria, GR 570 01, Thessaloniki

ECC is an Greek company expert in customized high performance energy systems.

We provide eco-friendly and top efficiency energy systems for large public and residential buildings and for industries. We take care of our clients every step of the way, from energy consumption analysis and consultancy on the optimum solution, through dimensioning, design and construction of a customized energy system, to its testing, installation, and maintenance

Solar Cooling



Useful Solar Energy 365 Days Per Year

Biomass



Heat, Power & Fuels From Waste Biomass

Cogeneration - CHP



Decentralised & Efficient Heat, Power & Cooling



What we do

Energy Audits & Efficiency Measures

Renewable Energy & Cleaner Technologies

Power Generation & Distribution

Buildings in the residential and service sector are large energy consumers with long operating hours. They need electric energy for their electric equipment, as well as for lighting, heating and air conditioning.

We provide a wide variety of tailor-made energy solutions which generate energy in the most efficient way possible for the particular consumer.

Potential to cut energy consumption, and respectively energy costs, by up to 30% thanks to our customized approach to engineering design, construction, installation, performance monitoring and maintenance.



Certifications

- ISO 9001 : 2015, Quality Management
- ISO 14001 : 2015, Environmental Management
- ISO 50001 : 2011, Energy Management
- Certified ESCO (Energy Services Company) Greek Ministry of Energy







Complete solutions for Engineering, Procurement and Construction.

We go through the stages of construction, delivery, installation, and testing, to reach the stage of top maintenance from our in-house team of qualified technicians



Indicative Reference

SOLAR COOLING

We implemented the largest solar cooling project in Europe.

The first solar thermal cooling application in the hospital sector allowed us to expand our technical solutions to innovative technologies. Through our solar cooling projects we demonstrated our strategic ability & flexibility and we are considered pioneers.

PROJECT: «Installation of solar vacuum collectors for the full coverage of hot water needs, solar cooling with an absorption chiller and support of heating with the remaining thermal energy» in the Thematic Area Renewable Energy -PROGRAMME GR-03

YEAR:: 2017

COST: 1.753.000€

Funded by :











EURCHade



Since 1979



Design, Manufacture & Trade



Tailor-made

Housing Solutions

Bulletproof Constructions

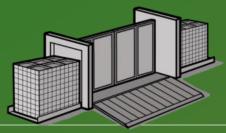


Modular Buildings



Perimeter Protection







Our constructions may be:

Permanent

Relocatable

On Wheels





Bulletproof Constructions





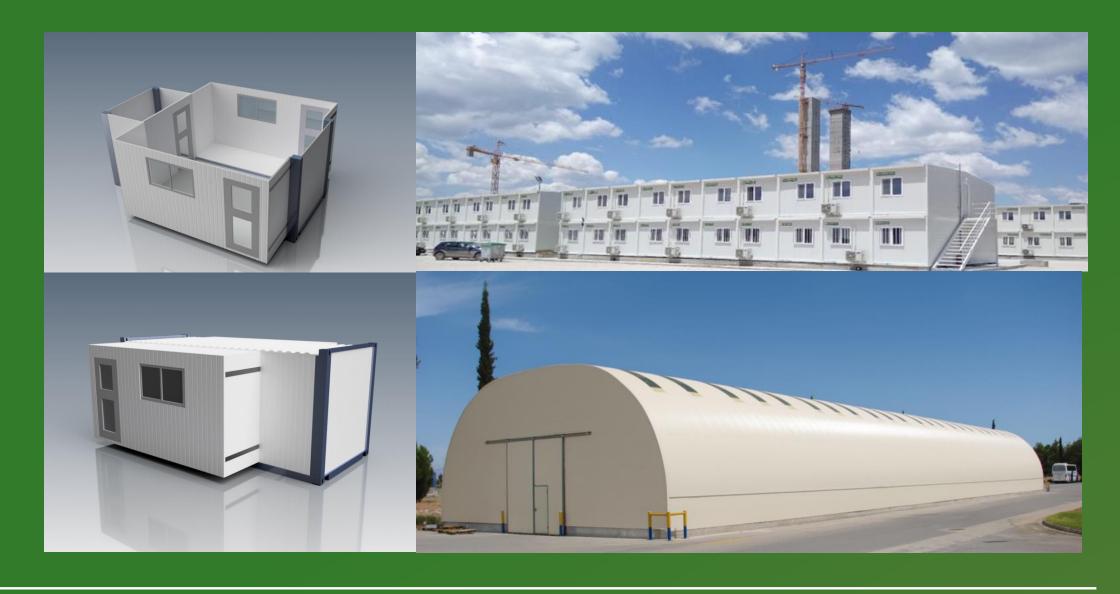
NATO Maintenance & Supply Agency Approved Manufacturer N.CAGE Code: G2071







Modular Buildings





Modular Buildings











Perimeter Protection











Our Certifications:



HELLENIC DEFENSE
SYSTEMS
EBO-PYRKAL
Workshop of Ballistic Tests



Occupational Health & Safety Management System



Quality Management System



Environmental Management System



Factory
Production
Control



NATO Maintenance & Supply Agency Approved Manufacturer N.CAGE Code: G2071



Bulletproof Guard Post / Aspis Mirror





Securing the garden gates of the new Opera House of Athens.









Eulex Kosovo Bulletproof Check point Tailor made Aspis series.





Ramstein US Air force Base / Germany!



Thank you!!





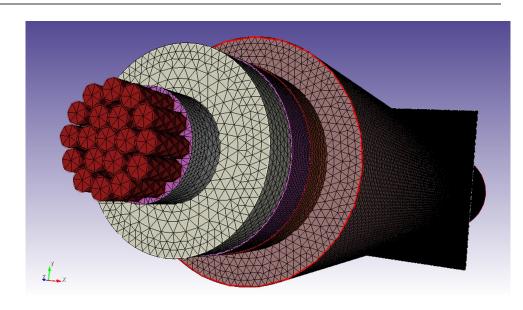
Fieldscale is a Computer Aided Engineering (CAE) company

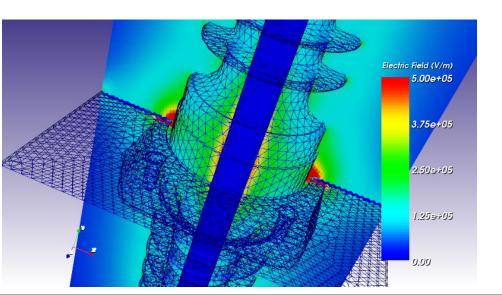
We build simulation software

Electromagnetic effects (Maxwell's equations)



We build software for **all** simulation stages

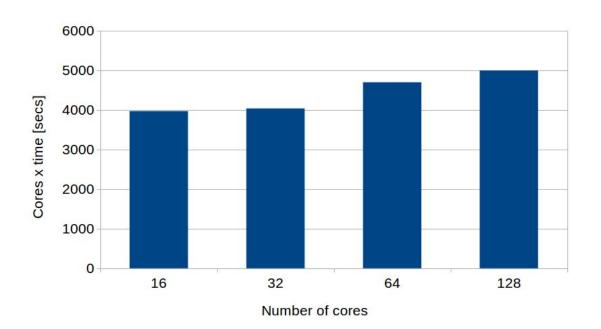




- Pre-processing
- Solving
- Post-Processing



- We focus in the Boundary Element Method (BEM)
- Commercially available
 - Electrostatics (Capacitance)
 - Static currents (Resistance)
- Under development
 - non-linear magnetostatics
 - eddy currents effects
 - high frequency effects



Distributed memory system (MPI)

Efficiency > 80%

Acceleration > 100x



- SENSE
 - capacitive touch sensor design and simulation
 - targeted to non-expert users
- Web platform
 - large simulations on the cloud
 - collaboration between various departments
- Consulting services
- Build a new product





BUILDING QUALITY BUILDING EXCELLENCE







PRODUCTION UNITS IN 3 COUNTRIES

Since 1980, production of high quality, innovative, value-for-money & environmental-friendly products







RESEARCH & DEVELOPMENT (R&D)

The Research & Development Department consists of 5 different laboratories with the main task:

- Research and development of innovative products
- Continuous improvement of existing products





QUALITY CONTROL

Before ISOMAT launches a product, it undergoes continuous & rigorous tests to ensure consistently high quality.

When entering the market the products must meet excellence, they should:

- offer a radical solution
- be easy-to-apply
- be value-for-money
- endure in time
- · provide a highly aesthetic result



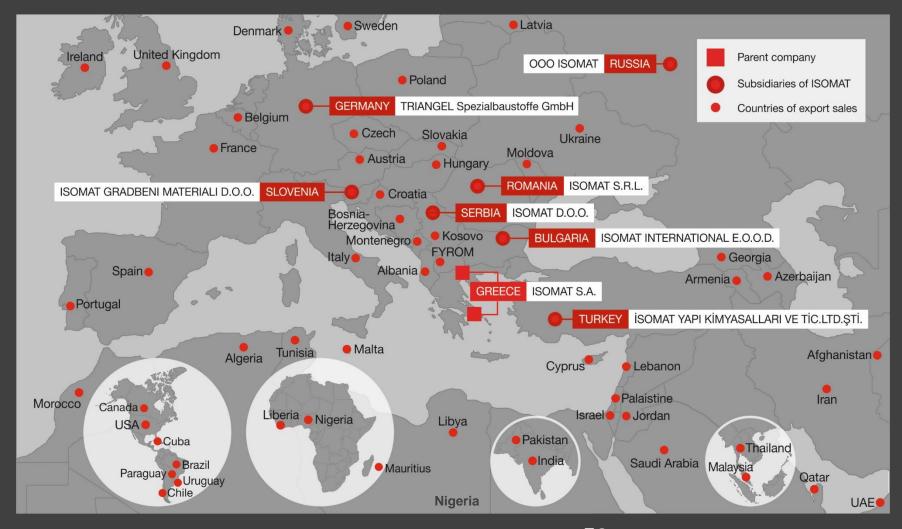
CERTIFIED COMPANY







WORLDWIDE PRESENCE





Thank You For Your Attention!



Profile



- Established 1986
- International Transports within Europe
- Expertise in Italy
- Integrated Logistics Services
- Transports by own fleet
- Groupage loads
- Tailor made solutions

✓ Sustainability



- Reliability
- ✓ Express Service
- Quality Oriented Approach



ILT Network - Greece

ILT LOGISTICS 5A

Services Allover Greece

through our Hubs:

- ✓ Athens
 GR 19300 Aspropirgos
- ✓ Thessaloniki

 GR 57009 Kalochori

Integrated Logistics Services

- Warehousing
- Stock Optimization
- Order Picking
- Packing
- Delivery / Collection



ILT Network – Italy



- ✓ Daily Departures
- ✓ 11 Hubs Terminals





ILT Network - Europe



- ✓ UK
- ✓ Spain
- ✓ France
- ✓ Poland
- ✓ Belgium
- ✓ Netherlands
- Switzerland
- ✓ Austria
- ✓ Germany







10 & 11/1/2019



Presentation: Dr. Ioanna Sfampa, KLEEMANN Innovation Department





KLEEMANN is a Greek global manufacturer of Complete Lift Systems, escalators and moving walks.

KLEEMANN Facilities

3 Production Units & 2 Assembly Lines













// Buildings:

100.000 m² 180.000 m² // Group Buildings:
Group Land:

140.000 m² 255.000 m²

KLEEMANN New Investment

New Facilities & Testing Tower in China









// Production, Logistics, Testing tower & Offices 19.300 sq.m.

// Investment of 15.000.000 \$

KLEEMANN Worldwide presence

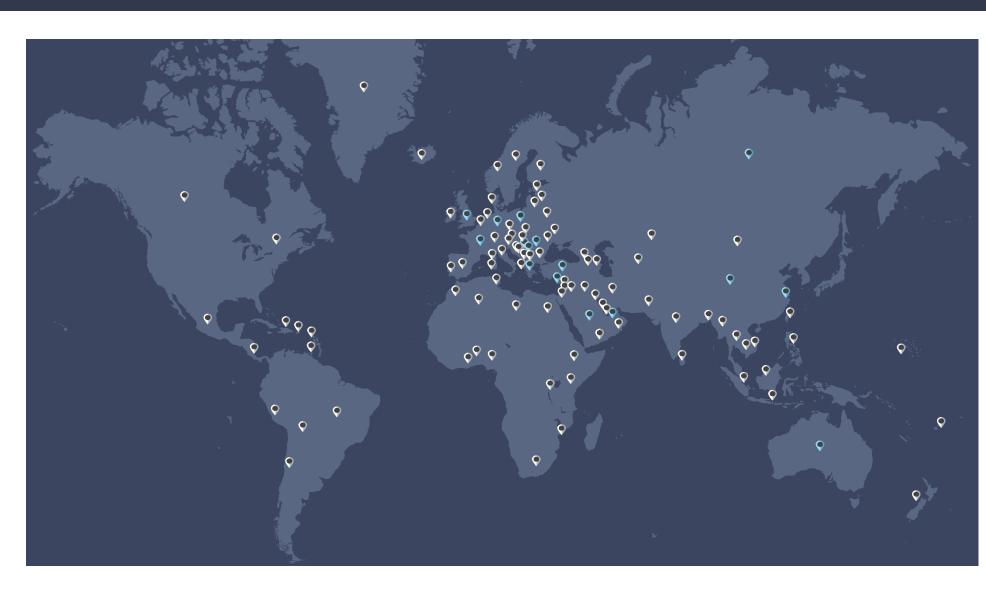
Local presence in 15 countries/ International sales in more than 100 countries



90%

International sales

Sales network in more than 100 countries



KLEEMANN



Always Growing

Great Place to Grow

// 2X GPTW Award winner // 95% of employees trained every year

KLEEMANN People

One company, one team, one family





Group 1300 (+100 the last 2 years)

Headquarters 1000

Production 530

Engineers 311













KLEEMANN Complete Systems



We are a global lift supplier with the best product range in the world



Passenger lifts



Freight lifts



Escalators & Moving Walks



Parking systems



Modernisation solutions



Marine Solutions



Experts in special projects

```
// Antivandal lifts
// Fire fighting lifts
// Oil rigs
// Marine solutions
// Earthquake resistant lifts
// Supplier of multinational companies
```

KLEEMANN in Special Projects



Earthquake resistant lifts



- The KLEEMANN Earthquake resistant lift is considered to be necessary not only for the public buildings but for every building, especially in countries which are known to have high seismic activity.
- Such an application, the first in Europe, assures that any lift hydraulic or traction can be turned to an earthquake resistant lift just by adding a few extra features.
- The earthquake resistant lift, is equipped with the technology to detect the earthquake before its actual manifestation and transfer passengers safely to the next floor.

KLEEMANN Design

World class design















// We transformed the cabin design

Curves
Vibrant modern colours
Hidden lighting
Exceptional atmosphere

KLEEMANN

One of the fastest lift suppliers in the industry



// Record fast delivery for standard products

Lean Production scheme Straightforward procedures



Commercial buildings





Porsche Showroom // Chile



Auchan // Paris, France



Nobu restaurant// Doha, Qatar

Residential / Office buildings









Georgia King David Residences & Business Centre // Georgia



// Amsterdam, Netherland



// St. Margrethen, Switzerland



// Shanghai, China





Public buildings





Jussieu Campus // Paris, France



Hospital
// Belgrade, Serbia



Wooridul Spine Centre // Dubai, UAE

Hotels





Rochestone Park Hotel
// Limerick, Ireland



Double Tree by Hilton // Zagreb, Croatia



Hypnos Hotel
// Istanbul, Turkey

Marine solutions





// Oil Rig Cat D Songa Offshore, Norway



// Anek Lines

Special projects





El Kureimat // Egypt



Kremlin // Russia



, 1.1.1



Mary Rose Museum // United Kingdom





Livemedia Live Streaming Congresses | Meetings | Webinars



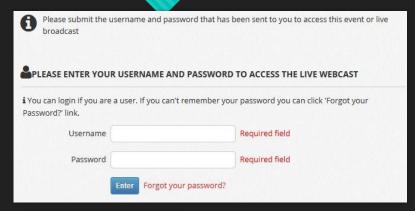
- O Livemedia is a global web channel specialising in video journalism and livestreaming of live events and conferences globally based on high tech online proprietary platforms and applications
- Unlimited number of simultaneous viewers
- Sponsors' logo or video spot display during the live broadcast and on the archived video album

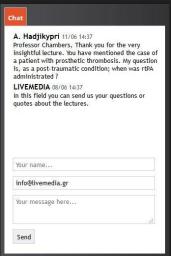
Livemedia Congress Media coverage



- Media coverage of the congress by professional journalists (reportage / interviews)
- Interviews prior to the event
- Event's highlights video recording & Post Production
- Video & Press Releases to the Media
- Social Media Marketing (Facebook / Twitter / LinkedIn)
- Email / Newsletter Distribution and Mailing Services

Livemedia Online Tools Registration | Chat | Poll



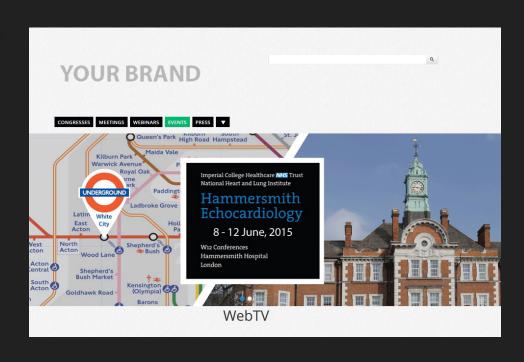




- User registration form and login credentials to view the webcast online
- Option to pay via Paypal or credit card, in case of fee registration for access
- Online viewers and on site participants send questions to the speakers during the webcast
- Questions are being answered by the speakers live in real time.
- Online multiple choice poll questions
- Audience answers in real time using mobile phones or web browsers
- Multiple polls per event

Your Brand Livemedia Style Web Channel

- Livemedia web channel design
- Videos / Photos / Info Memos per event
- Social Media sharing widgets
- Search function
- Advertising tools for banners and videos
- Statistics for videos / photos / events
- Mass upload / mass edit per album
- Full administrative privileges









SuperAlloys Engineering is an innovative company that offers integrated industrial services with top of the line solutions. The company operates more than 38 years a fully equipped -certificated with ISO 9001:2015-mechanical workshop and it is specialized in manufacturing customized, high tech, industrial spare parts with protective coatings & advanced materials for every requirement for Power Generation Plants, Cement Plants and Refineries. Innovation and after sales customer support is our philosophy in order to increase operating production performance, by reducing production or/and maintenance cost.

SuperAlloys Engineering is also focusing on urgent maintenance conditions & "in situ" machining processes. By developing & manufacturing customized portable manipulators and high precision machine tools and provides the most reliable solutions

for "in-situ" hardfacing and machining projects. Using the above-mentioned techniques, serious maintenance and reliability costs can be improved significantly, in terms of increasing the production operation performance and down time of Heavy Industry sector.

Manufacturing of spare parts with special mechanical and thermal properties using wear & heat resistant alloys, carbides (WC, TiC, SiC) & ceramics (ZrO₂-Y₂O₃, Cr₂O₃, SiO₂, Al₂O₃-TiO₂).











Sectors:

Metallic Constructions with advanced materials

Machining tools and electromechanical devices

Metallurgy (Steel-Aluminium)

R & D Institutes

Geotechnical products/Excavations

Cement Industry

Chemicals/Refineries

Power Plants

Pottery and brick industry

Mining/Ore

Moulds

Medical tools

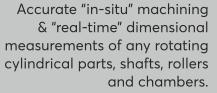
Manufacturing of custom made mechanical spare parts using low friction Zn-Al and Cu-Ni based superalloys with particulate physical properties.

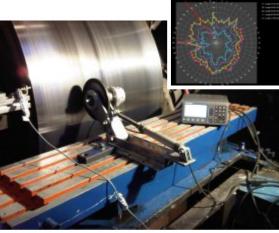














Products & Services:

- Robotic systems and manipulators for special machining and welding applications, smart processes and medical applications. Combined "in-situ" precision machining, cladding & hardfacing.
- Manufacturing of high efficiency spare parts like valves, plungers, seats, mechanical seals, shafts, sleeves and impellers for pumps, compressors, turbine rotor, crank shafts with superalloys like Stellite, Hastelloy, Incolloy, Inconel and Monel.
- Mechanical engineering services in the field of repair, maintenance and lifetime prolongation of spare parts and equipment, using advanced manufacturing methods and improved material performance.
- High quality industrial measurement services, "in-situ" and "real-time" to provide cost effective services. Pro-active maintenance services in terms of high precision laser technics in combination with vibration analysis and dynamic balancing.
- Hardfacing regeneration of rollers, grinding tables and high-pressure rolls for vertical mills and crushers, in the workshop or "in-situ" where customer's equipment is installed & operates.
- Medical devices, implants and surgery smart tools with Ti and Co based alloys.
- Plasma Spray and Powder Metallurgy coatings with superalloys, composite materials, ceramics and carbides for aerospace and power generation industry.
- Corrosion and oxidation protection of metal constructions, wind generators parts, tanks, vessels, heat exchangers, vacuum chambers and natural gas pipes with cladding.
- Manufacturing of high efficiency trimetallic bearing systems for every type of turbines & engines, standard and undersized. Rebabbiting/machining of any kind of bearings.
- Thermal Barrier coatings for valves and cylinder heads in Internal combustion engines, gas turbines exhausts and steam turbines elements.
- Surface hardening and manufacturing with ceramic coatings of steel milling bars, guide & printing rollers.
- Electrical and semiconductor coatings & spare parts with superalloys and ceramics.



High precision metal constructions & machinery for R&D applications



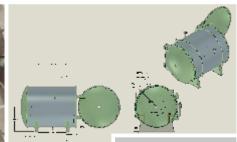


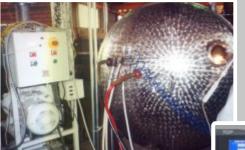
Production of various size cladding plates of ultrahigh hardness for chambers and pipelines with antiexplosion & antiballistic properties.











of ultra vacuum chambers for chemical processing and reactors.

manufacturing

Design &

GLOBAL PRESENCE







Plant 1: MECHANICAL WORKSHOP 10 Stadiou str. P.O.Box 1337, Kalochori 57009 Thessaloniki, Greece



Plant 2: METALLURGY O.T. 56 - Sindos main road Sindos Industrial Area 57022 Thessaloniki, Greece

Tel./Fax: +30 2310 789125, Mob.: +30 6973 321031 - 2 ksa@superalloys-eng.com | www.superalloys-eng.com

About TETTIX

Since 2009, TETTIX designs and manufactures industrial automation systems, acting mainly as a robot integrator. The innovative technological solutions, the reliability and the simplicity of use and safety, are characteristics that make our company a reliable partner for every kind of automation.

TETTIX, by using modular components, can offer a wide range of automated robotic solutions, which comply with the specifications of the industry and assure to be a valid choice all the time. The flexibility of the systems enables the integration with 3D vision systems, and sophisticated grippers from composites and fibers.

Always trying to be in the avant-garde, the company closely works with several partners, specialized in the field of innovative materials, providing lightweight, but sturdy solutions. Tailor made solutions for optimized performance to specific needs, tuned by nanotechnology, can be provided, in order to reach the challenges of the future.

TETTIX is a one-stop shop when it comes to developing and creating complete solutions for state of art technology. From concept development, to electrical and mechanical construction, to robot programming, production and commissioning, you have a reliable partner!

www.tettix.info



Applications for your assembly line:

Pick & place | Assembly | Quality inspection | CNC | Machine tending

High quality and precision for: engine foundries, laser-cutting rigs, forming presses, molding machines and laboratory equipment.

Robotic arms can be used in screw driving, assembling, labelling, handling and quality control scenarios.

Automating repetitive pick & place tasks
Reprogrammable quickly and used with different machines
Quality inspection with a camera and a robot arm
Improve speed while reducing the risk of accident injury
Release time from machine tending, which adds value to your business





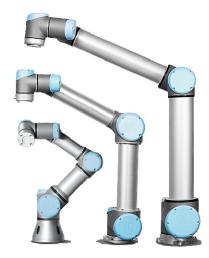


Competitive advantages:

✓ <u>Flexibility:</u> Lightweight, space-saving, easy to re-deploy to multiple applications

✓ <u>Safety:</u> Reduce the risk of employee injury

✓ <u>Accuracy:</u> Increase precision for complex tasks and sensitive machinery







Reduce costs! Improve performance! Optimize production! Increase quality! Increase revenue!

- Increase precision while reducing costs
- Quickly adapt production lines to new products with UR's fast, flexible deployment
- Full integration into existing production environments in the aerospace and electronics industry



