

## ***Sectors covered***

- ***Prototyping and advanced production methods***

Provide Prototyping services in order to test various aspects of a design illustrate ideas or features and gather early user feedback

<b>Attalus High Tech Industry S.A.</b> <i>plastic materials, bookbinding machines</i>	SizeA3-3D Printing with ABS Producing Cover and bottom of a Portable laminating Machine to verify functionality prior tooling. <a href="#">view laminator A3</a> shown at DRUPA-2000 Germany
<b>Filltec SA-</b> machines for cartridge industries	fully functional prototype from semi automatic cartridge Filling machine (ink recycling industries) <a href="#">view Aft-3T model</a> shown at Remax 2007 Germany

- ***Alternative energy project management***

We handle the negotiations, proposals, reviews, project supervision, vendor selection and interface

<b>Ergon SA</b> High Tech industries Greece	Installation of Wind 4 wind generators in energy park Egio in Greece cooperation with European Union
<b>NOBEL Flat Panel –</b> Manufacturer in Greece	Installation of solar absorber ultrasonic welding plant, with assembly station
<b>HELIOAKMI Ltd</b> Flat Panel – Manufacturer in Greece	Installation of solar absorber ultrasonic welding assembly

- ***Automation equipment and system integrator***

Provide equipment and solutions in order to automate manufacturing processes

<b>Attalus High Tech Industry S.A.</b> <i>plastic materials, bookbinding machinery</i>	Heating element for laminating machine winding machine for production increase prod. 600%
Dow chemicals	Project Control room for foam production Plant, intergrades 5 control units with monitors and data cable enclosure

- ***Machinery design***

Specialized in the design and fabrication of custom machinery and equipment.

<b>FLOW DYNAMICS SA</b> Simulation, Measurement	3 axes measuring Cartesian linear probe and measurement system
<b>EKEFE DEMOKRITOS</b> Nuclear research center GR	Aluminum 3 axes probe gripper for the nuclear reactor
<b>Tsoukalas</b> special machines	3 axes measuring Cartesian linear room scanner 5x7x4m

- ***Manufacturing cells and systems coordinator***

Combine a multitude of machines working in tandem to perform multiple operations on a workpiece.

<b>FOCO S.A.</b> solar water heating systems, solar water heating components Design	12 Station assembly line for Flat Panel Absorber
<b>Zelialides</b> frozen foods	5 station Packing and weighing line frozen Food

- **Material handling automation**

Provide single source automated equipment and systems solutions for the material handling process.

<b>Item Hellas</b> Machinery for solar flat panel	Design of Uncoil and Cut off mechanism for copper sheets coated with highly selective blue absorption surface, used for Solar collectors
<b>Item Hellas</b> Machinery for solar flat panel	Design Framing for Tube Punching machine for Flat panel Collector (copper distributor pipe)

- **Custom made constructions**

Material handling automation provides single source automated equipment and systems solutions for the material handling process.

<b>Microforce SA-</b> Physiotherapy equipment.	Special Ergodynamic measuring apparatus
<b>Teanka</b> Extrusion machines	Special tensioning apparatus for tube extrusion

- **Safety enclosures - noise reduction**

Provide design and installation of Safety covers on old and new machinery

<b>Bic-Violex</b>	Safety enclosure for different Blade Assembly Machines
<b>Coca Cola -3E</b>	Safety enclosure for washing, filling and packing department
<b>Unilever Hellas</b>	Safety enclosure for washing, filling and packing department

- **working station**

*Harness assembly stations, Assembly stations,*

<b>Cablex-</b> cable assembly for aerospace industry	Harness assembly table Eurocopter
<b>Elimco</b> - cable assembly for aerospace	Harness assembly table Eurocopter (Tiger program)
<b>Johnson &amp; Johnson</b>	Working stations and personal trolleys for the microbiological research department
<b>Dow Hellas-</b> chemicals	Control room with 5 stations for the main production line