

Stampo

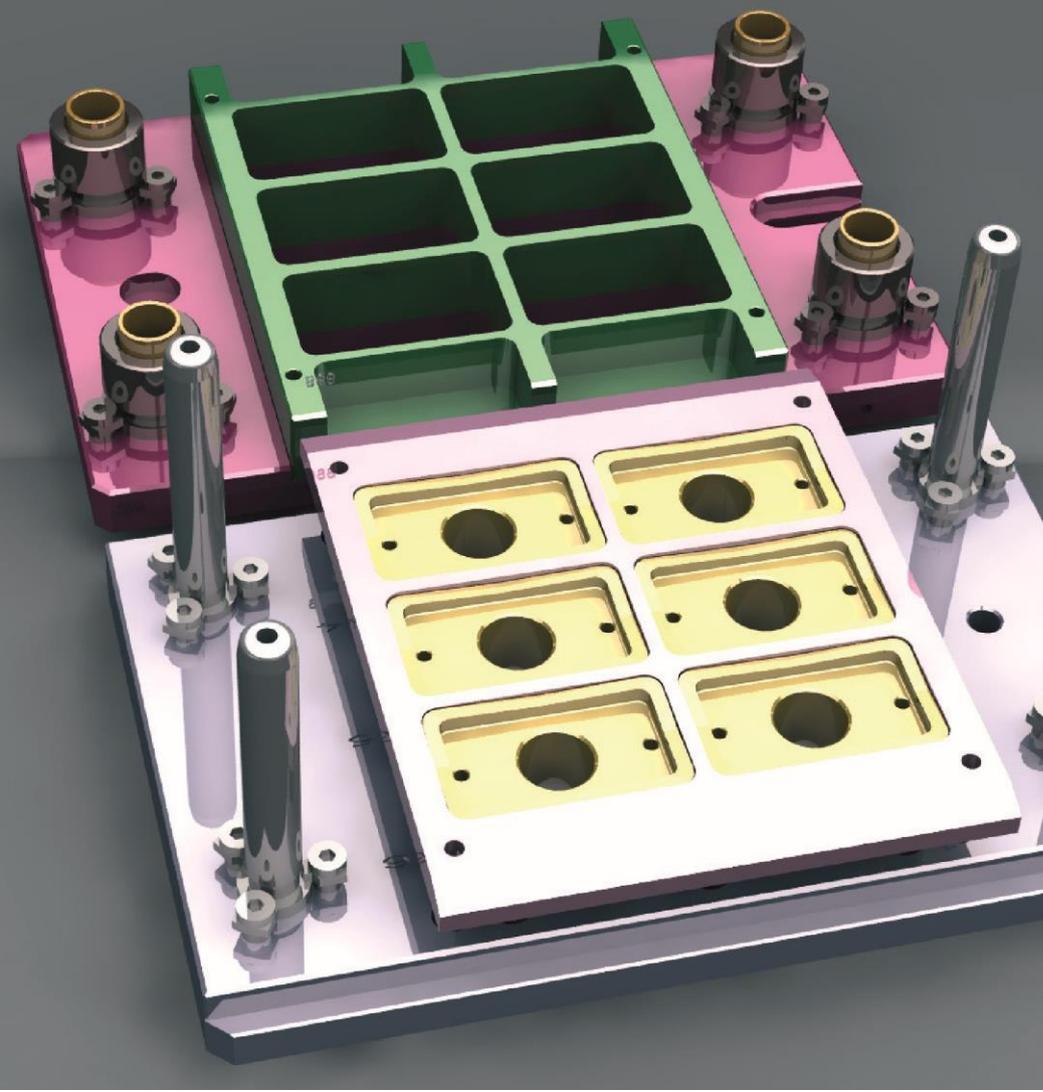
molds & dies

DRAMAS JOSEPH & SIA O.E.

- **MOLDS**

- **PRECISION PARTS**

- **CNC MACHINING**



PRESENTATION - HISTORY

“STAMPO” DRAMAS JOSEPH & SIA O.E. was founded in 1980 and the field of work was mold manufacturing. Those molds were of excellent quality and focused on the demands of the industry. Today after 35 years of experience, technological evolution and knowledge STAMPO has invested on latest equipment in order to achieve better and more demanding products.

Our capabilities include:

- Molds
(progressive dies - punching dies - plastic injection molds)
- Services
 - Wire EDM - die sinking - small hole drilling EDM
 - milling services
 - laser marking
 - laser engraving
- Accuracy parts

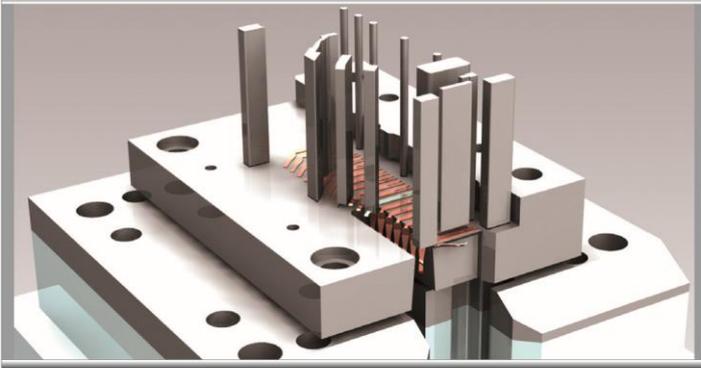
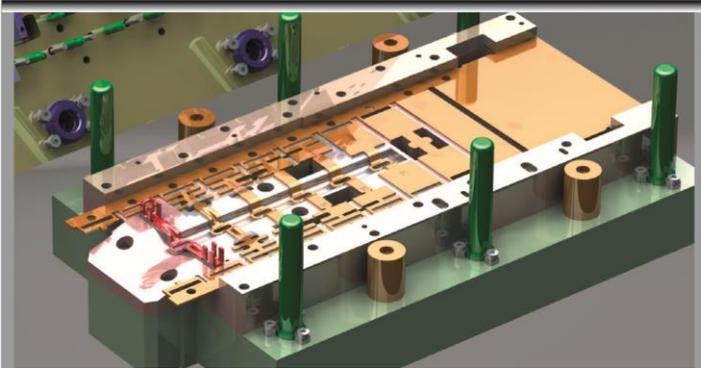


MOLD

MAKING

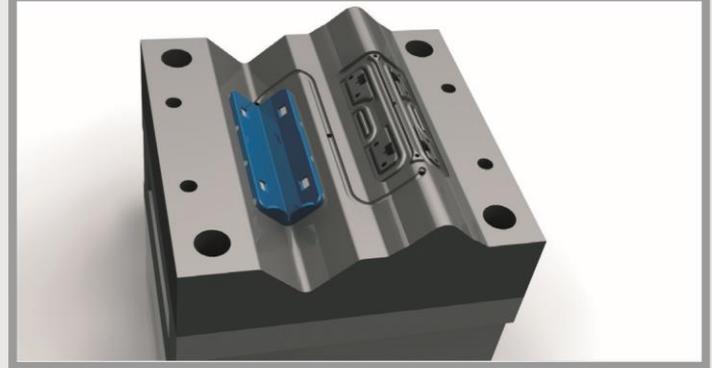
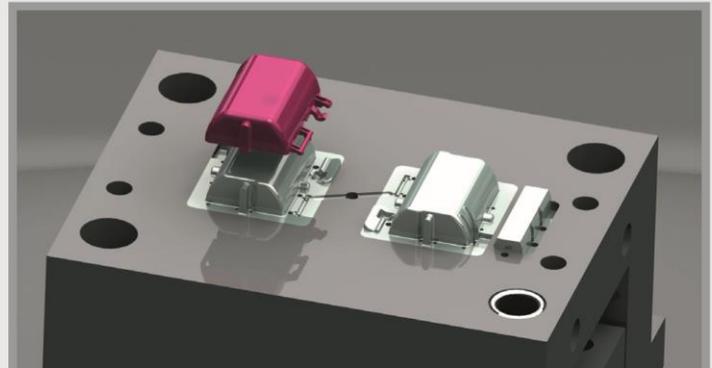
PROGRESSIVE DIES

Our advanced equipment as well as our knowledge in the field of metallic parts help us to manufacture progressive dies of the highest demands and keeping in our mind the proper design, reliability and full support.



INJECTION

Our company has been making molds for plastic parts for 35 years that are aimed at the very demanding industry of today. We can study and design a part, straight from an idea and make it real.



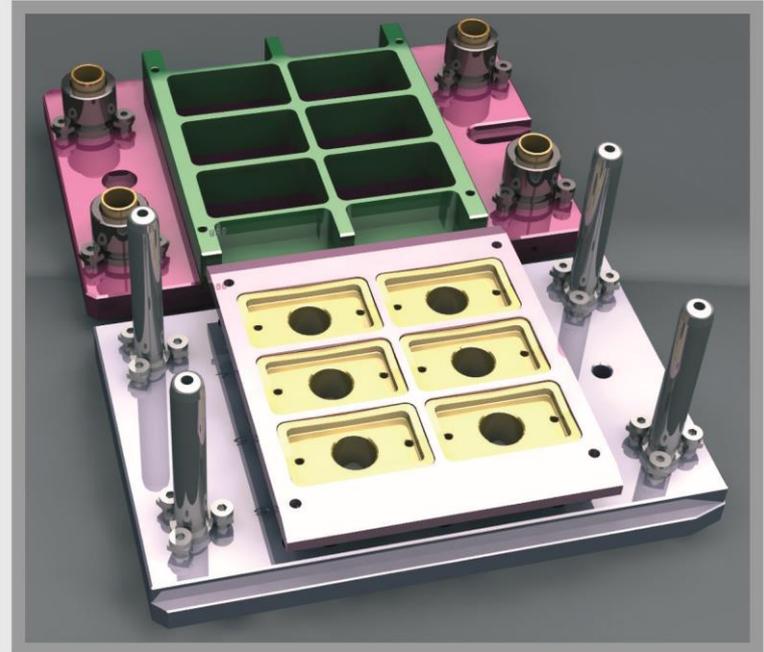
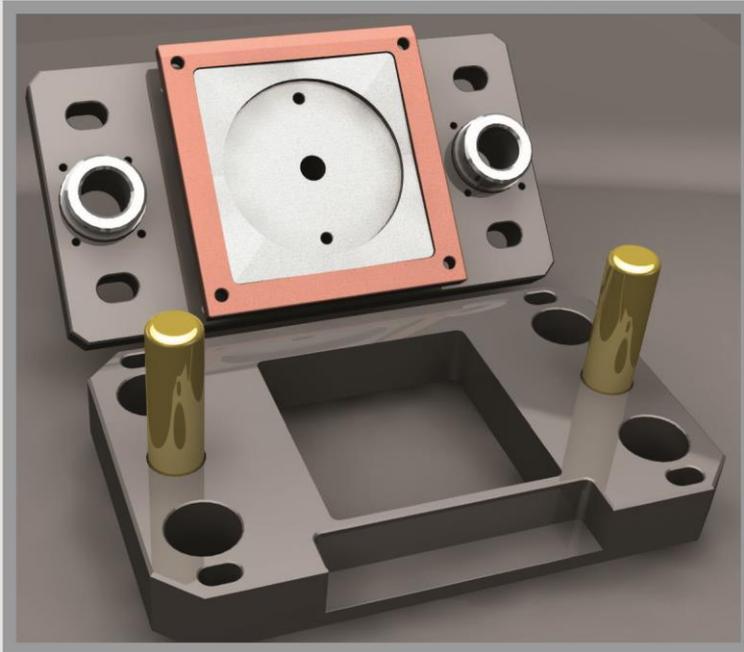
MOLDS

BLISTER DIES

MAKING

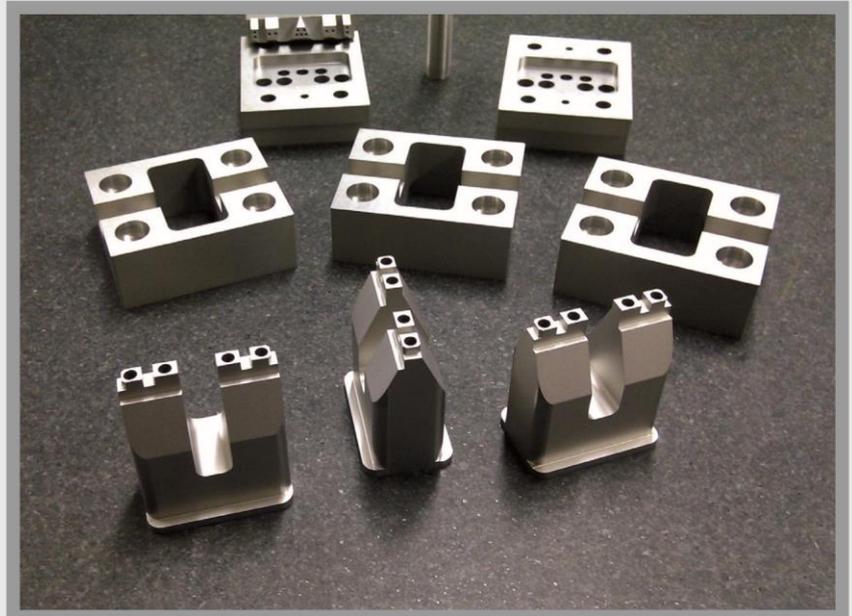
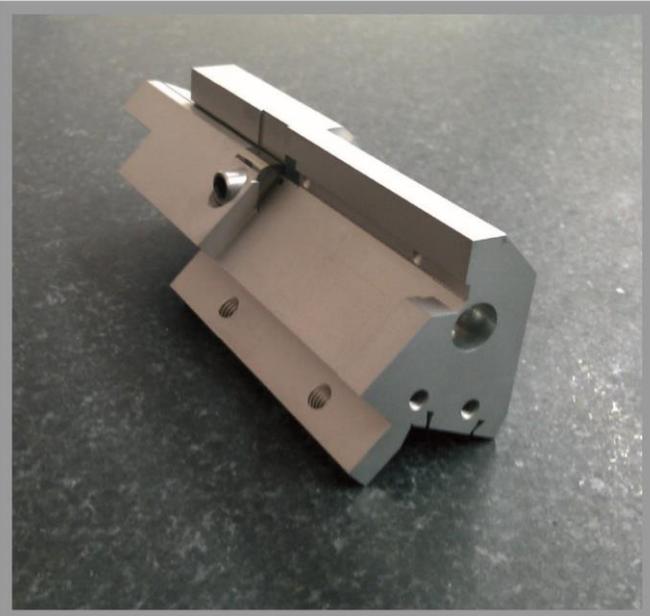
SMART CARDS DIES

Blister molds are focused at the packaging industry as well as the pharmaceutical use. The demands in both are very strict because of the high rate of production and maximum reliability. Even the slightest mistake would hold the production and the cost would be very high. Our company uses every parameter starting from the best materials that are available in the market, keeping the right tolerances combined with the knowledge we have on this field and the final product is just excellent. The philosophy exists also in smart card tooling where everything must be perfect to work in balance.



INDUSTRIAL PRECISION COMPONENTS

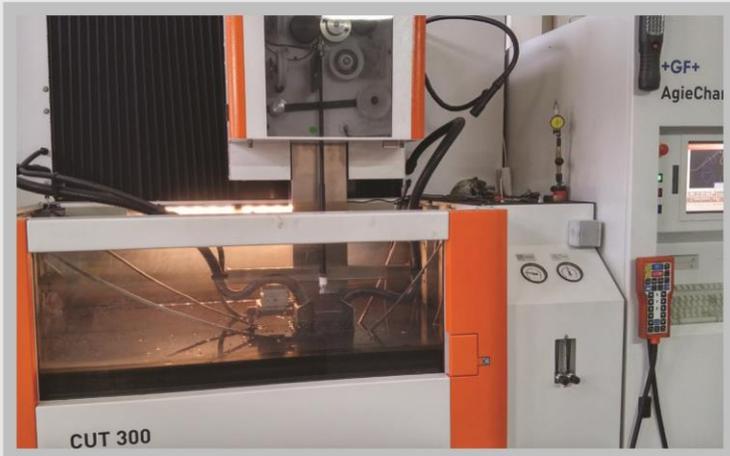
Making accuracy parts is something else that we are good at. The latest equipment we have and the manufacturing process we apply give us a big advance to produce high accurate products. The parts now are processed hardened and do not require a thermal process later minimizing critical failures. The wire EDM, the small hole drilling machine, the die sinking and the latest cutting tooling can process materials hardened up to 68HRC.



EDM

WIRE - EDM

Our company has been offering wire EDM services since 1990. From then until today we have gained significant experience in wire EDM. We are in the position to execute the most demanding work, giving advices and proposals in making better products. We are willing to solve your problems with our knowledge using the latest equipment.



SERVICES

DIE SINKING

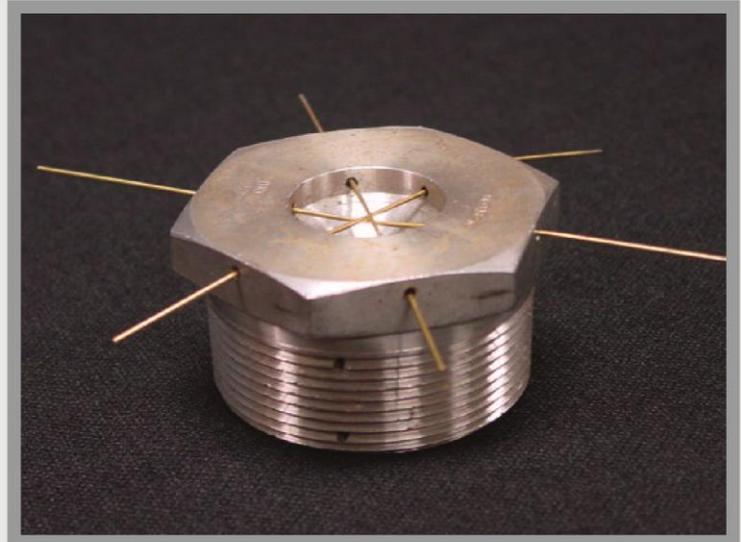
From the moment you are making plastic molds, the need for a high tech die sinking machine is a must in order to have the best possible quality. Tool changer, rotation axis, measuring camera, branded tooling with special software that chooses the best cutting conditions complete the package to obtain less wear of the electrode and faster process time.



SMALL HOLE DRILLING EDM

The demands to machine parts that have been thermally processed and they are quite difficult to be drilled with conventional ways creates the need for such machine with the EDM technology. The diameter such a machine can drill is from 0,3mm to 3,0mm and the maximum height is up to 200mm depending from the electrode diameter.

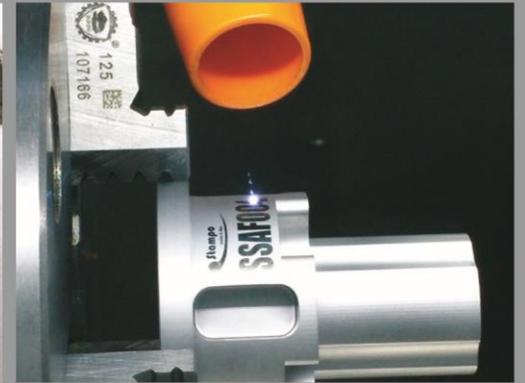
Materials that can be used are: hardened steel, plain steel, carbide, copper, bronze, aluminum, titanium, etc.



LASER MARKING

The past few years, laser has been improved in its technology and usage that can be applied to. Marking is very known because it offers great detail and quality. The only restriction besides our fantasy is that it can only mark in shades of grey-black even though the latest generation have managed to mark different shades of colours especially in inox.

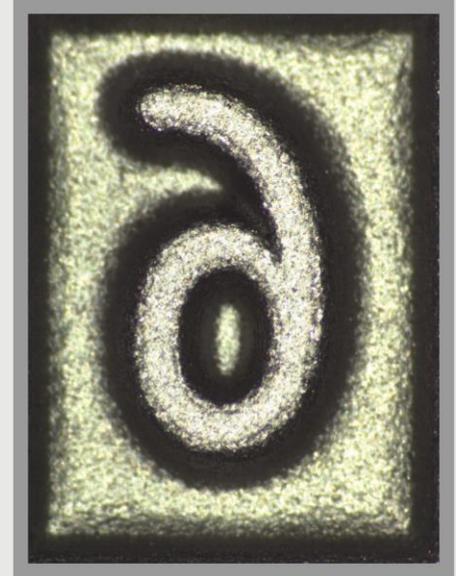
STAMPO has invested and added a laser to its current equipment, a laser of the latest generation that can mark more shades of colour. The services we offer cover the basic industrial use for metallic parts, plastics as well as advertisement and artistic field. The source of our machine is a 20W FIBER beam. We also have a rotary spindle for circular marking.



ENGRAVING

Our machine has the ability to deep engrave up to 4mm depending on the shape. The materials that can be used are: hardened and plain steel, carbide, copper, bronze, aluminum, etc.

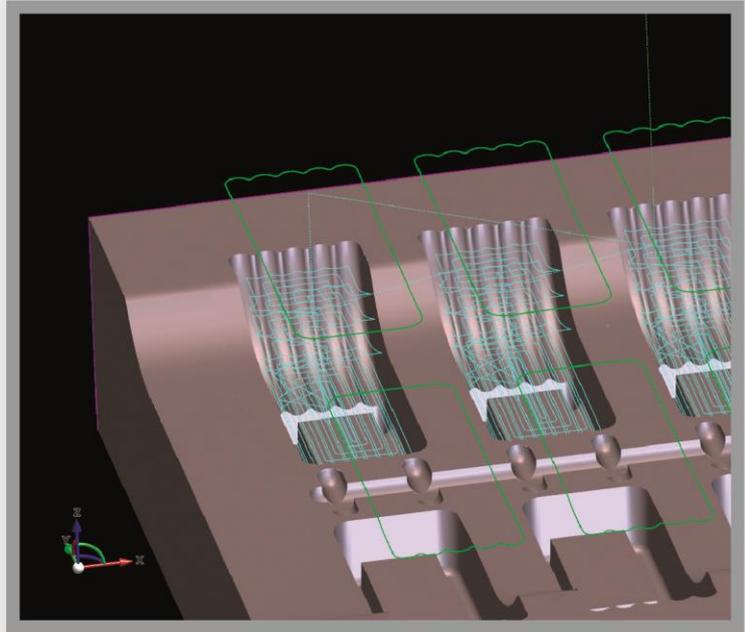
The maximum range of process is 330 x 340 x 395mm XYZ.



CNC MILLING

SERVICES

Our company offers milling services, at our MORI SEIKI 3axis milling machine. A modern machine, sturdy with a spindle of 12.000rpm, high speed controller and RENISHAW measuring probes. The latest software with our 35 years of experience give an excellent final product, with high accuracy, fast process times and affordable cost.



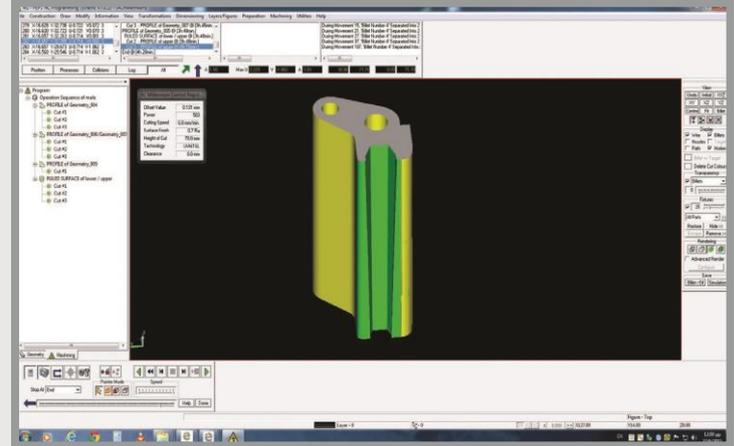
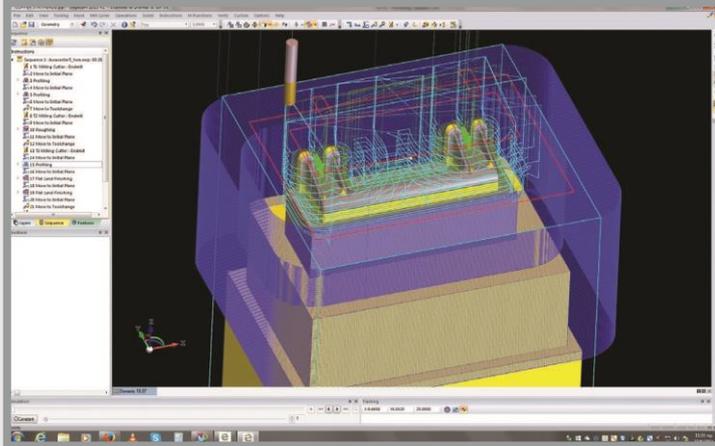
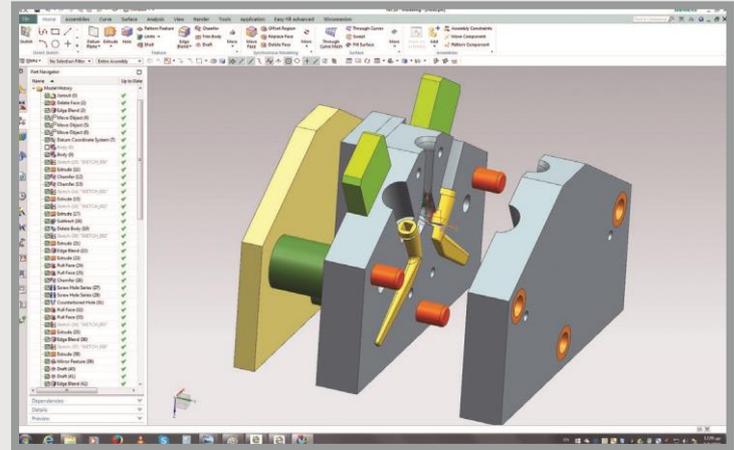
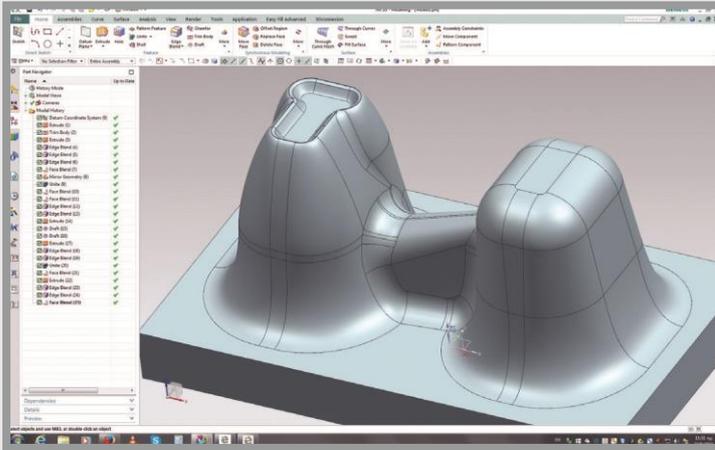
QUALITY CONTROL

The final step to a construction whether it is a mold or a part or the final product of a mold is quality control. The first step is measuring to find out if our part is within given tolerances, after that those dimensions will be given to customers to ensure that what they ordered is what they get. Our company has invested to quality control and has been equipped with the proper machines to cover all the range we produce from smallest to biggest part.



DESIGN

CAD / CAM



EQUIPMENT

Our company uses the following equipment:

- MORI SEIKI DURACENTER 5 (3axis)
- AGIE CHARMILLES CUT 300 WITH OMS
- SODICK SLC600G
- CHARMILLES ROBOFORM 35
- CHARMILLES HD30 CNC
- LASER SISMA BSS 3D WITH ROTARY SPINDLE
- MITUTOYO 574 CRYSTA PLUS CMM
- TESA VISIO 300 GL
- HARDNESS TESTERS (portable and desktop)
- OPTICAL MEASURING SYSTEM FOR WIRE AND DIESINKING EDM
- ROTARY AXIS FOR WIRE EDM (HIRCSHMMAN)
- DIGITAL MICROSCOPE (LEICA DMS 300)
- CONVENTIONAL MACHINES (TURNING, GRINDING, etc.)

Also uses the following software:

- SIEMENS NX CAD/CAM
- MOLDWIZARD ● PROGRESSIVE DIE WIZARD
- VERO EDGECAM
- ESPRIT SOLIDWIRE - VERO PEPS
- ADOBE PHOTOSHOP - ILLUSTRATOR





COMMUNICATION

Stampo

molds & dies

DRAMAS JOSEPH & SIA O.E.

MOLDS - PRECISION PARTS - CNC MACHINING

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