

Diamo forma ai tuoi progetti

Consulting, development and construction of
prototypal moulds for medium and small series

POLISTAMP



Di amo forma ai tuoi progetti



Polistamp Ltd. was opened in January 2010. It was an answer to the growing demand of customized manufacture of functional prototypes made with injection molding. The high quality standard offered by the company concerns all procedures, from milling with NC machines to metal and resin working.

Polistamp skills are applied to several fields, from automotive to electronics, from home management to electro-technical industry. They are also applied to food sector, bio-instruments and architecture allowing the company to satisfy the customer needs.

As its staff is well-trained, Polistamp can manage each project from the beginning to the end. Its expertise has rapidly made greater the company which has become an ideal partner of key industries in several fields.



Milling

At the beginning of 2013, Polistamp enlarged its machine park because he purchased a modern NC milling machine with 5 axes. The company goal is offering a high and continuous quality and a customized production to the customer.

The new NC milling machine has increased the mechanical and functional precision of items but also their aesthetic and visual characteristics.

Polistamp has an expertise on every metal and resin working and its services also include other activities:

PROTOTYPING MOULD

Thanks to 3D planning, THE company offers molding of small and medium series with a definite polymer. The service also includes a large variety of polymers with the possibility of 2k overmolding and metal inserts.

STEREOLITHOGRAPHY

It is a technique allowing prototyping. It starts from a 3D plan given by the customer and includes laser process for the production of solid pieces.

MICROMOULDING

The creation of complex shapes which are resistant to temperature of 50-60 degrees are the ideal solution for mechanical tests and assembly.

MILLING

Milling is metal, resin and plastics working from the use of blocks or rough pieces.

SINTERING

The technique requires the use of powders to improve high temperature strength (180°) of items. Any prototype offers an excellent detail.

SINTERED METAL

Starting from a 3D file given by the client, powders are sintered, that means they are compacted and transformed in an indivisible compound with a laser.

SILICON MOULDS

The project of items made under a stereolithography process is put into practice by using proper silicon resins to be added in the cavity around the figure. Thus, the negative is produced and it becomes the seat for the resin which constitutes the finished product.

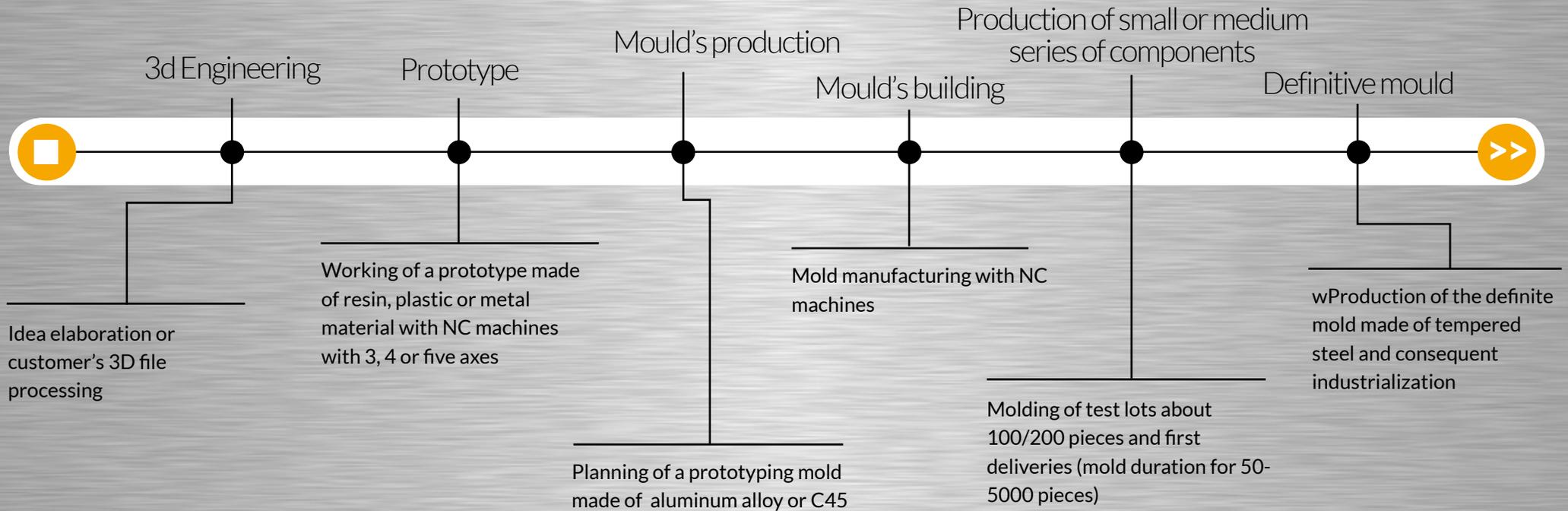
REVERSE ENGINEERING

This process aims at transforming a piece into virtual idea or transforming the customer' sample into a 3D file plan. This technology is also used to test the compliance of some geometric parameters of a piece and all functions of a group of items.

Production Timeline

We realize your ideas

Timeline which leads to items production can be shortly describe as follows:



POLISTAMP

Via Follereau, 13/A - 24027 NEMBRO (BG) - Tel. +39 035522538 - Fax +39 035 4127542
Web: www.polistampsrl.com - eMail: info@polistampsrl.com