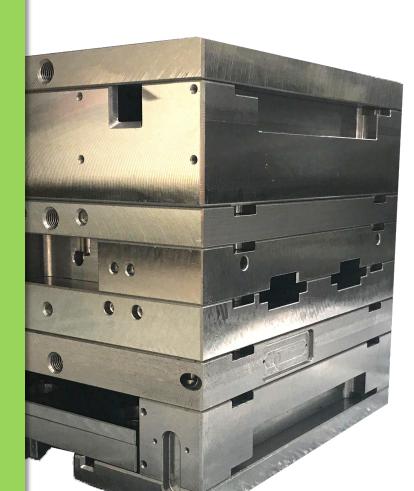


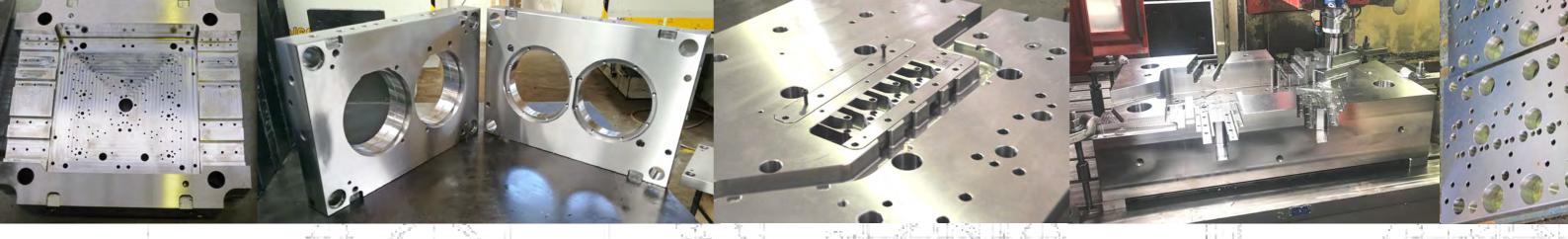


# THE GLOBAL RESPONSE TO YOUR INDUSTRIAL CHALLENGES

The SF group brings together professionalism, experience, technical means and human commitment to respond to your needs.

## FROM THE RAW MATERIAL TO THE FINISHED TOOL





## MOULD BASES

plastic transformation

- Steel warehouse: laminated, forged and rounds
- Material cutting and basic machining area
- Advanced machining area small / medium / large size
- Integrated technical office
- Precision machining area
- Inclined machining and long drills area
- Special components machining area
- Assembly, adjustment and quality control area

We have all the types of steel necessary for the manufacture of mold bases, as well as special steels for cavities or direct figure to plate, stainless steels, hot working steels, high performance aluminiums, etc.

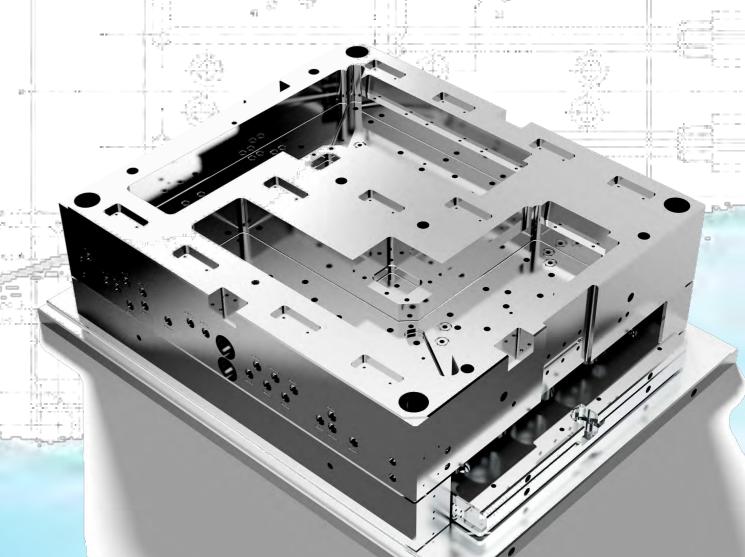


#### INJECTION, COMPRESSION, BLOWING...

More than 30 years of experience in the manufacture of special mould bases for Plastic and Rubber Transformation.

Complete machinery park for all types of precision machining - 5 axes, deep drills, etc. -, with the capacity to produce large-sized tools.

Our offer covers from a simple plate of material to the complete realization of the mold base and its components totally finished.



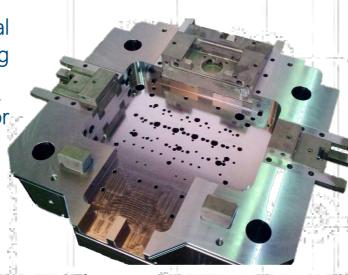


#### PERIPHERAL ELEMENTS

We manufacture all kind of peripheral elements and components that goes along with the mould base.

Mould supports, support structures for hydraulic cylinders, sliding plates, slides....

Checking, grinding and adjustment of elements with thermal treatment.



### **CAVITIES AND FORMS 3D**

Certified materials for maximum quality cavities or direct figure plates, with multiple delivery options:

- Special steels / Aluminium
- drills, cooling circuits

- raw material

- roughing or pre-finished 3D forms
- milled and squared
- thermal treatment

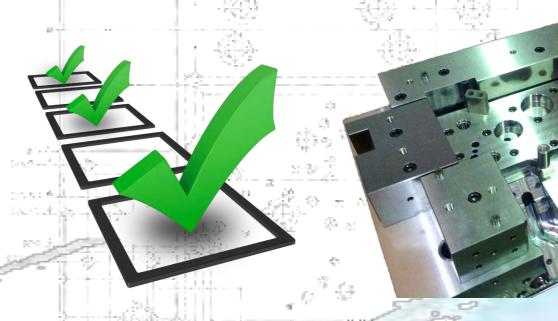
#### **QUALITY CONTROL**

Manufacturing, materials and treatments 100% according to customer drawing. Verification of all machining operations performed. Check-list.

Verification, assembly and adjustment of all parts of the tool.

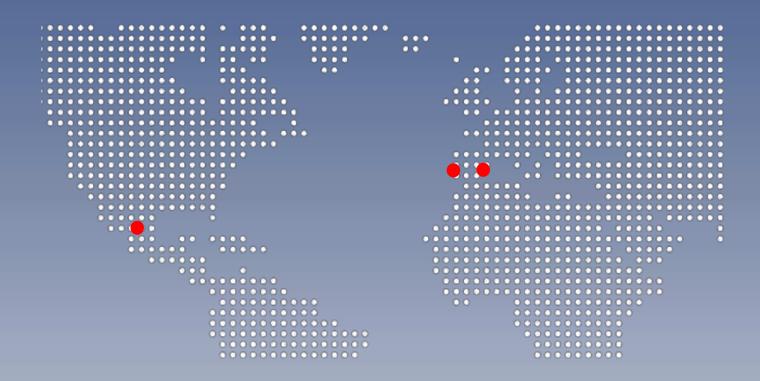
Identification engravings of cooling circuits, eyebolts, mould number, position, brand, reference, etc.

Mould checking opening/closing operation, slides and ejection housings movements.











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#### **Grupo SF**