

02

# PROJECT

“ FAPRO GROUP always works with the objective of meeting the needs and expectations of its customers, in order to obtain the best results.

We always work with the guarantee of competitive price, terms and quality of services. ”



## PORTUGAL

SANTA MARIA DA FEIRA  
AVEIRO



## BRAZIL

FORTALEZA  
CEARÁ



● COMPANY HEADQUARTERS

● COMPANY'S BRANCH

- 01 | AUTOMOTIVE SECTOR
- 02 | AERONAUTICAL SECTOR
- 03 | HOME APPLIANCES
- 04 | HOUSEHOLD ITEMS



“ Learn more about  
our process! ”





# DESIGN OF DIES AND CUTTING TOOLS (PROGRESSIVE TRANSFER, TANDEM)

02

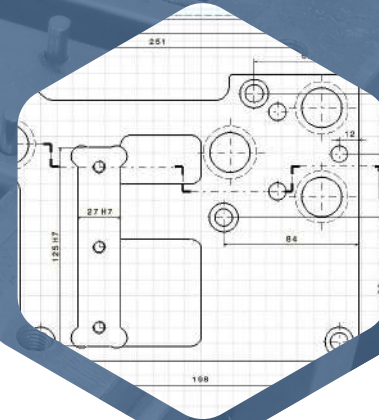
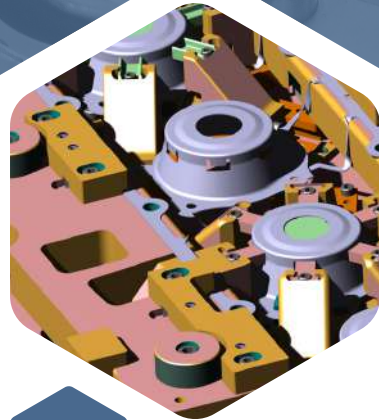
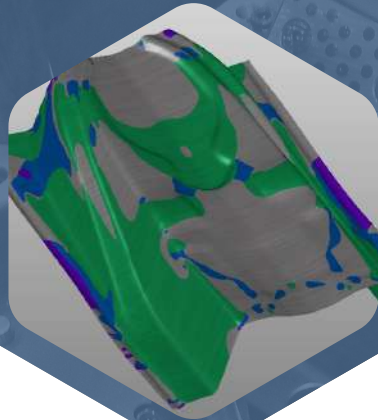
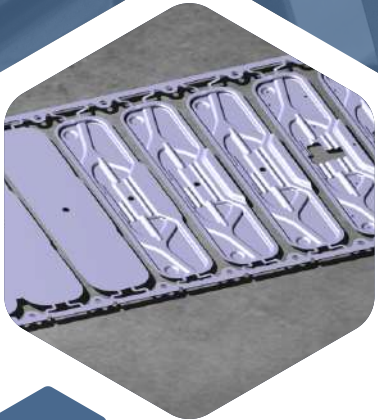
## PROCESS SIMULATION

- Formability analysis, springback (...);
- Simulation of stamping;
- Calculation of planning;
- Springback compensation

04

## DETAIL

- 2D / 3D detail of each element for machining;
- Elaboration of 2D set design for assembly;



01

## PROCESS STUDY

- Feasibility study for the development of the tool;
- 2D / 3D layout creation

03

## PROJECT

- 2D / 3D tool design;
- Tools with laminated or casting structures;
- Machining color code application;
- Compliance with customer specifications;
- Preparation of a list of materials with all the necessary components;

05

## PRODUCTION MONITORING

- Monitoring of tests;
- Dimensional corrections;
- Improvements;
- Support until final customer approval



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