

**PROCADIMOLDES**  
Fabricação e Comércio de Moldes, Lda.

**30**  
ANOS

Portugal

# Company Profile



GIVE US YOUR IDEA. THE TECHNOLOGY FOR PRODUCING IT IS OUR KNOW-HOW

# WHO WE ARE



## COMPANY OVERVIEW

PROCADIMOLDES is a family owned company, established in 1994, in the manufacturing of plastic injection molds and is ISO 9001:2015 accredited since 2014.



## COMPANY MISSION

We stand for high quality standards and accuracy that are mirrored in the injection molds that we manufacture.

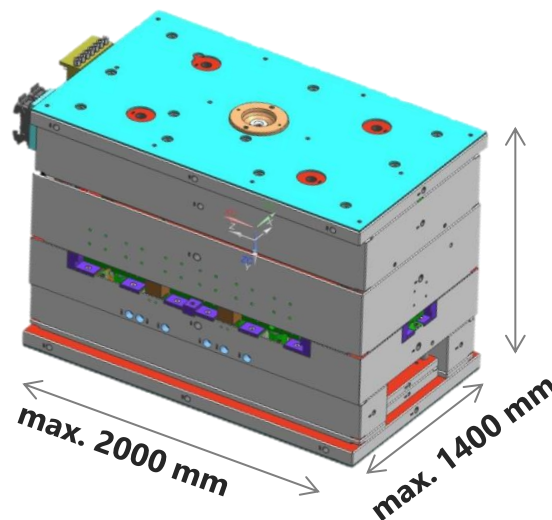
The constant innovation and commitment on cutting-edge technology as well as the proactivity and excellence of our team are the key to our success.



# WHAT WE DO



## KEY FIGURES



Max. Weight  
**15 Tons**



## KNOW-HOW

- ✓ Multi Components tools (2K & 3K), using several technologies:

Rotary system

Transfer

Index plate

Core-back

- ✓ Sandwich tools (Stackmold)
- ✓ Multi-cavities high performance tools for technical parts
- ✓ Variotherm Technology (Heat & Cool)
- ✓ Gas Injection (GIT)
- ✓ Inserts overmolding
- ✓ Thermoset injection molding (BMC – bulk molding compound)
- ✓ Automatic unscrewing system

# OUR GLOBAL PRESENCE







# ABOUT US

We are committed to the forefront of your products through the rigor, proactivity and excellence of our professionals.

**GIVE US YOUR IDEA. THE TECHNOLOGY FOR PRODUCING IS OUR KNOW-HOW.**



Management  
System  
ISO 9001:2015



[www.tuv.com](http://www.tuv.com)  
ID 9108623890

**D&B**

DUNS registration number: 33-683-3541

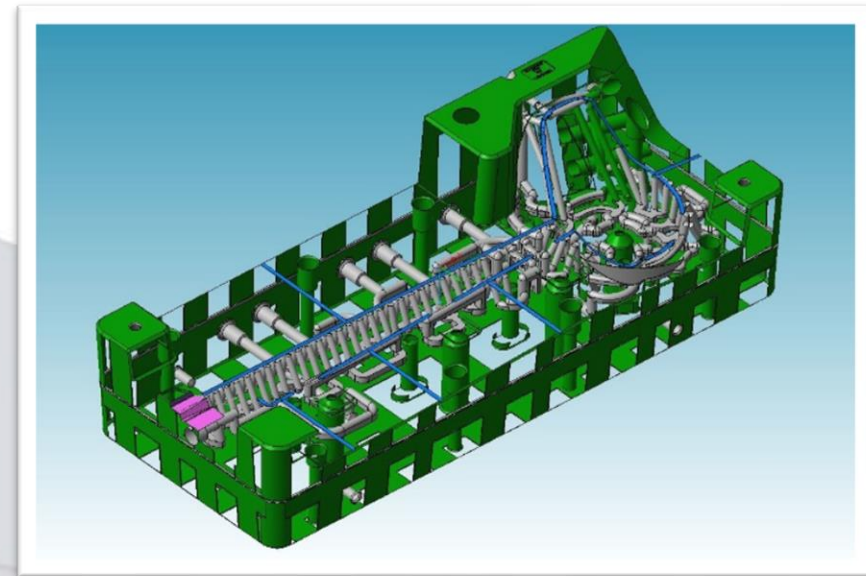
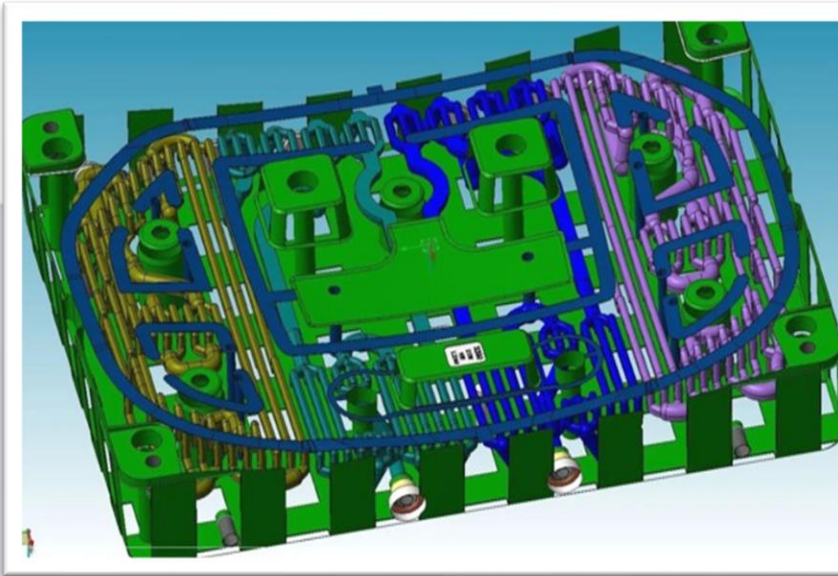






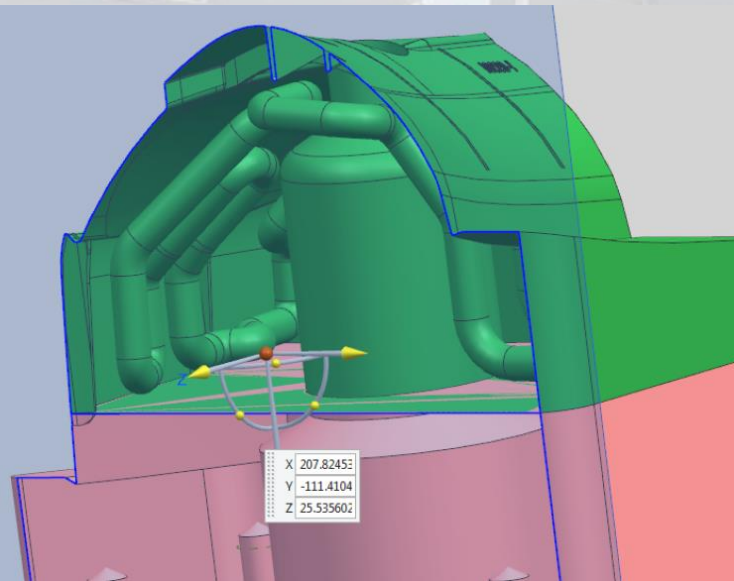
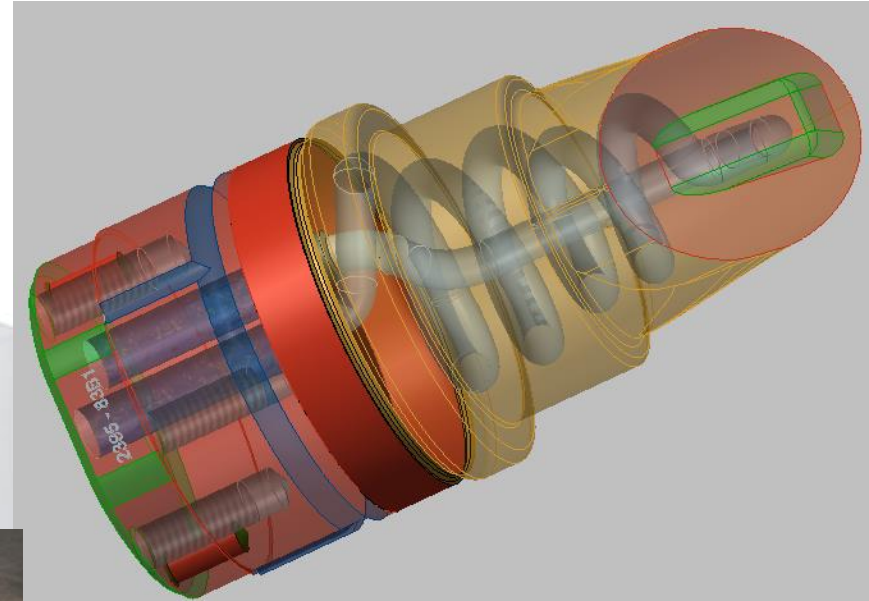
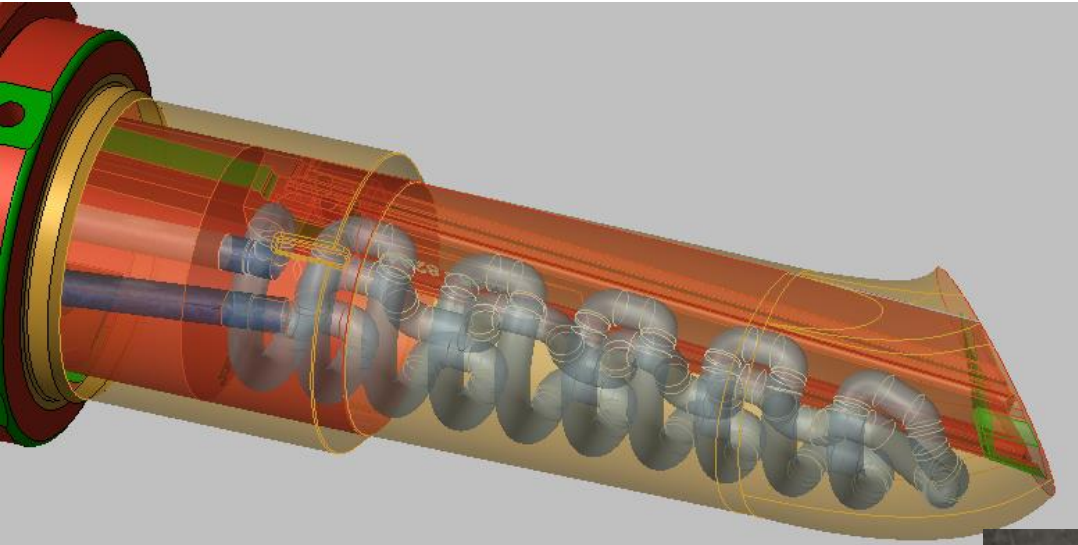


# HEAT & COOL TECHNOLOGY





## 3D Laser Sintering



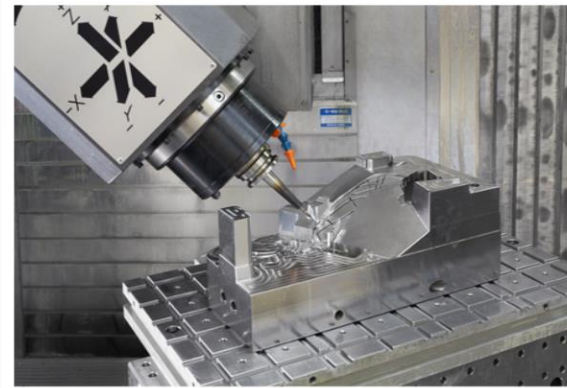
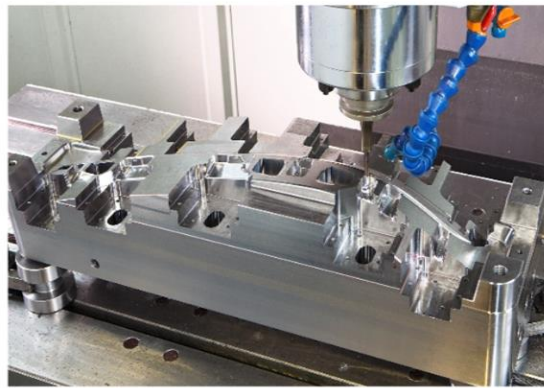




## OUR EQUIPMENT

# CNC MACHINES

3 & 5 axes







## OUR EQUIPMENT

### EDM MACHINES

Spark erosion  
Wire erosion

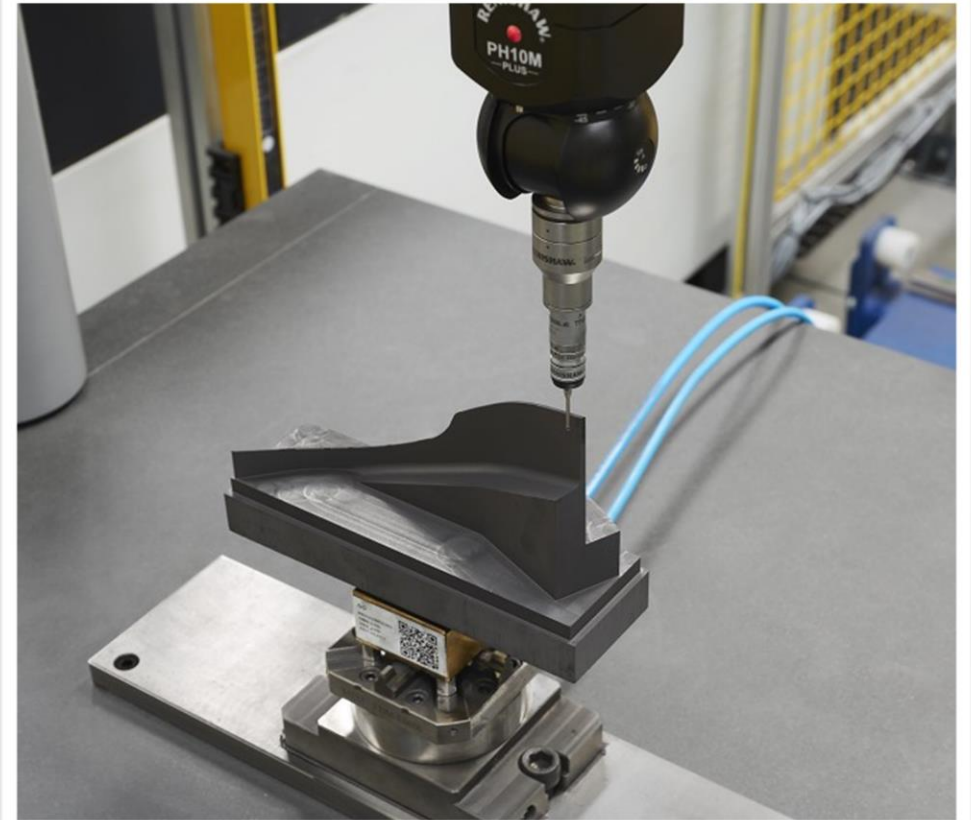


#### Equipment:

- ✓ Robotic cell for manufacturing, control of electrodes and eroding steel parts (capacity: 600 electrodes).
- ✓ EDM spark automatic electrode replacement ONA NX6:
  - X-Y-Z axis table travel = 1000 x 600 x 500 mm
  - Maximum workpiece weight = 4.000 kg
- ✓ EDM spark automatic electrode replacement ONA HS400:
  - X-Y-Z axis table travel = 600 x 400 x 400 mm
  - Maximum workpiece weight = 1.500 kg



# PRODUCTION CONTROL | MEASURING







# SPOTTING PRESS | FITTING & ASSEMBLING





# EQUIPMENT LIST

## EQUIPMENT LIST

max. Dimensions (mm)

CNC machining center (Milling) (2019)	1400 x 720 x 610
CNC Bridgeport machining center <b>VTec SF2616</b> (2019)	2600 x 1600 x 800
CNC machining center 5 axis <b>DOOSAN</b> (2017)	3000 x 850 x 800
CNC machining center <b>FANUC</b> (2017)	700 x 450 x 450
CNC machining center (Milling) <b>MANFORD</b> (2016)	1100 x 700 x 600
CNC machining center (Milling) <b>DMG DMU 75V Linear</b> (HEIDENHAIN) 2015	885 x 600 x 600
CNC machining center (Milling) <b>OPTIMAL</b> (2015)	1520 x 760 x 700
CNC machining center (Milling) <b>YCM</b> (2016)	560 x 420 x 450
CNC machining center (Milling) <b>EAST LION</b> (2003)	1050 x 650 x 600
Head high speed	50 000 rpm

Robotic cell for manufacturing cnc steel parts (2024)

Conventional Milling (2003)	800 x 400 x 410
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Robotic cell for manufacturing, controlling electrodes and eroding steel parts (2017)

CNC **FANUC**

EDM spark automatic electrode change – axis “C” **ONA** (2014) 1000 x 700 x 50

EDM spark automatic electrode change – axis “C” **ONA** (2010) 600 x 450 x 450

Robot **FANUC**

Tridimensional machine **ABERLINK**

Warehouse of 600 electrodes (2018)

EDM wire – 5 axis automatic threading <b>FANUC</b> (2016)	600 x 400 x 410
Fast drilling machine by erosion (2018)	600 x 400 x 500

## EQUIPMENT LIST

max. Dimensions (mm)

Surface grinding <b>JOENLIH</b> (2019)	800 x 600 x 350
Surface grinding <b>CHEVALLIER</b> (2003)	420 x 250 x 350
Surface grinding <b>PERFECT</b> (2002)	420 x 250 x 350
Surface grinding <b>PERFECT</b> (2002)	420 x 250 x 350

Radial drilling	1400 x 2000
Drilling machine	2000 x 2000 x 1500
Drilling machine	1500 x 1500 x 1820
CNC drilling machine <b>IMSA</b> 6 axes	1000 x 100 x 400

Bridge crane	5 Ton
Bridge crane	5 Ton
Bridge crane	3.2 Ton
Bridge crane	3.2 Ton
Bridge crane	2 Ton
Bridge crane	10 Ton
Bridge crane	12.5 Ton + 5 Ton

Spotting press

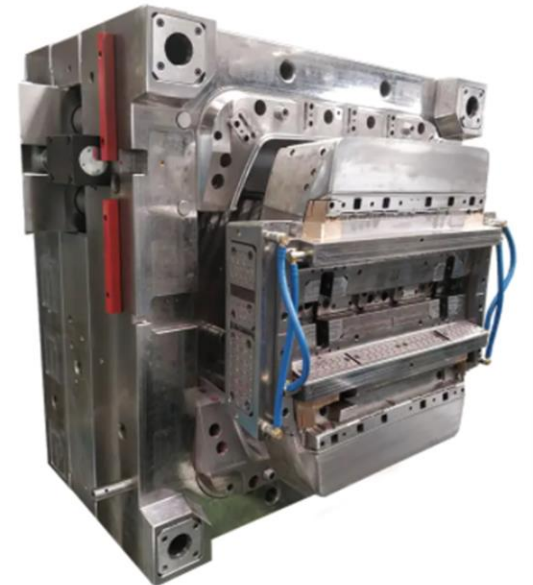
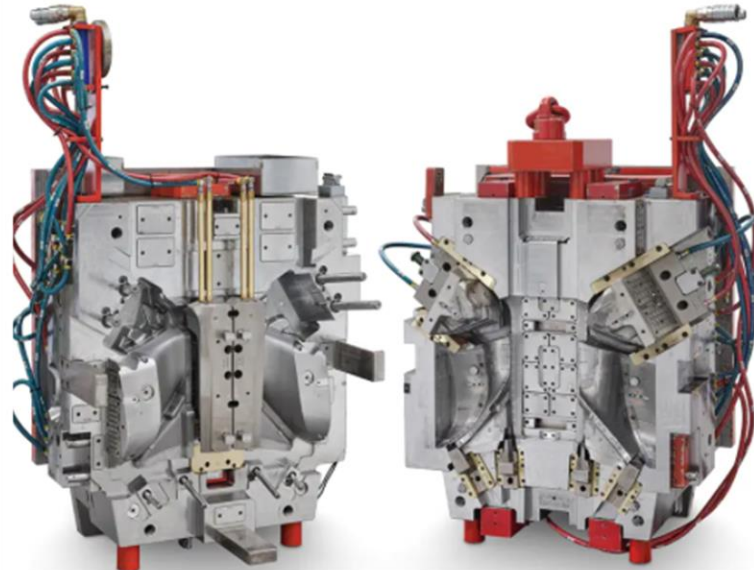
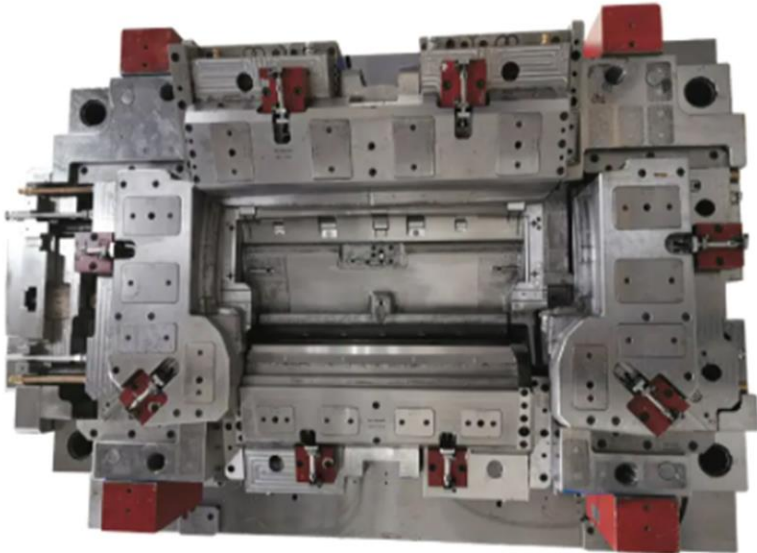
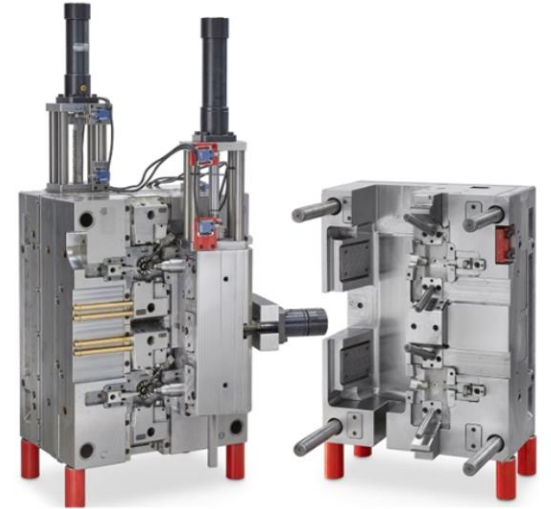
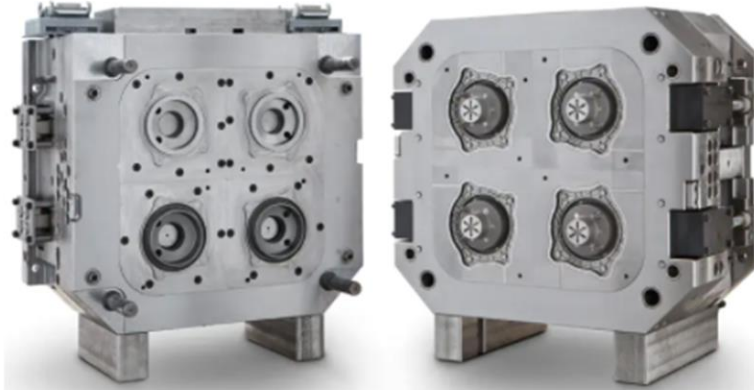
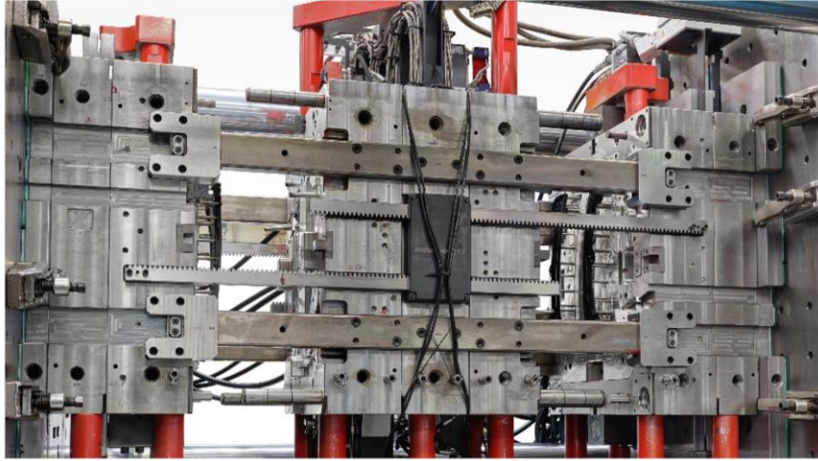
Clamping force: 200 Tonnes  
Magnetic plates  
Water temperature controller  
-> dimensions: 2000 x 1600

Software: Unigraphics NX / VISI / Cimatron / Mastercam / ZW3D / WorkNc





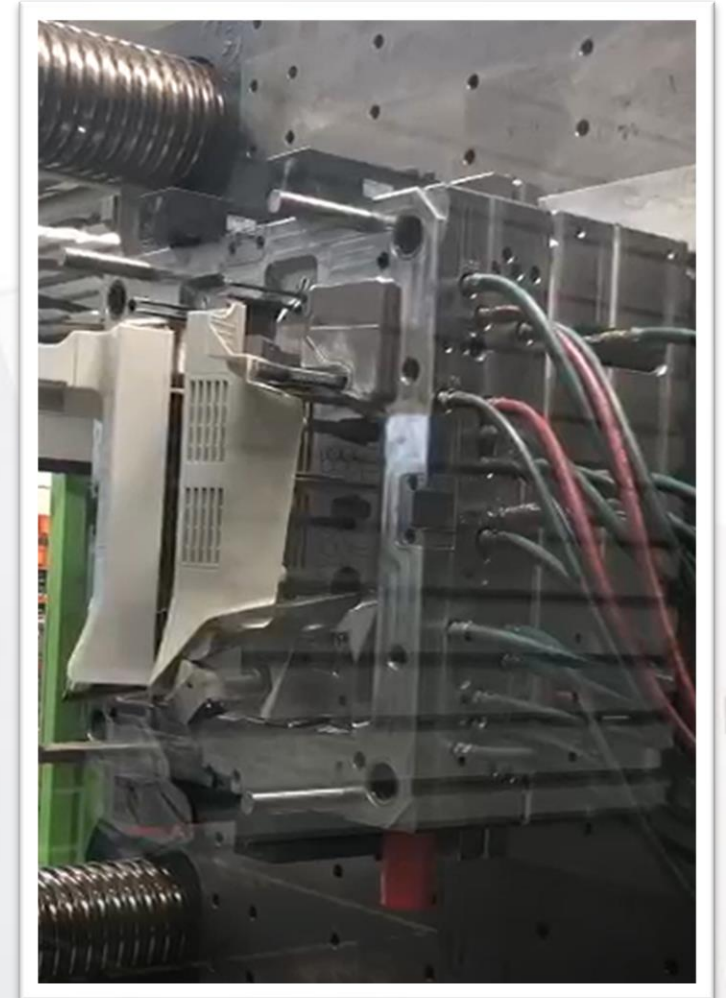
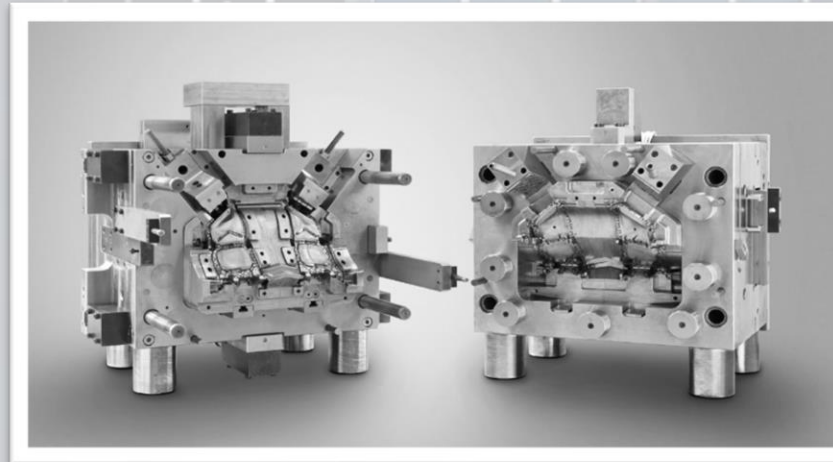
# HIGH PRECISION INJECTION TOOLS/PARTS







# HIGH PRECISION INJECTION TOOLS/PARTS





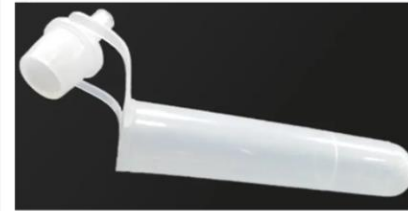
# AUTOMOTIVE







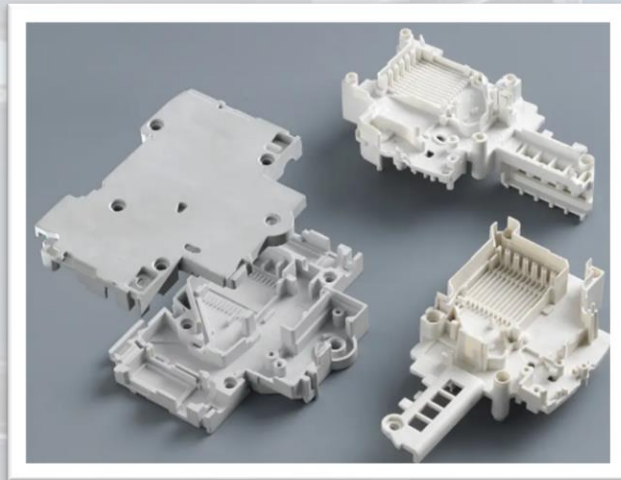
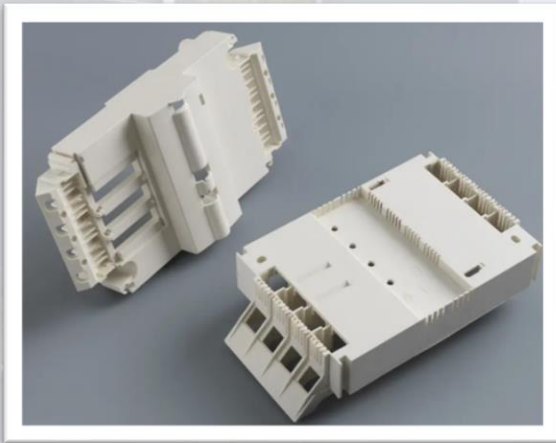
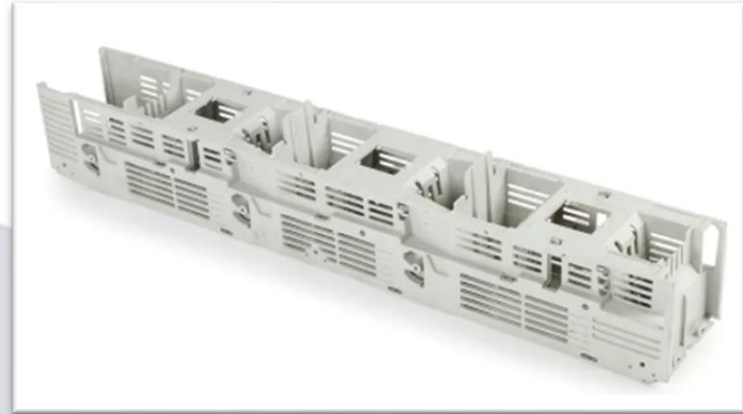
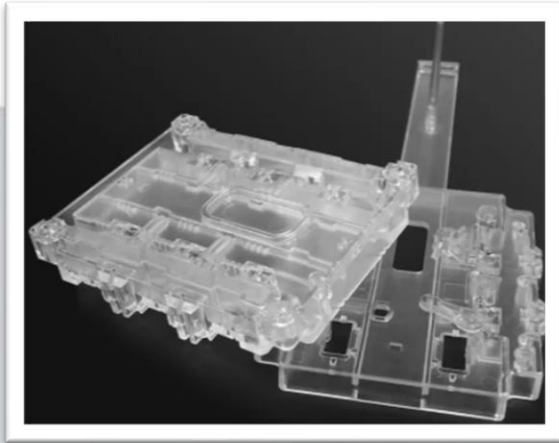
# HOME APPLIANCES | PHARMA & MEDICAL EQUIPMENT







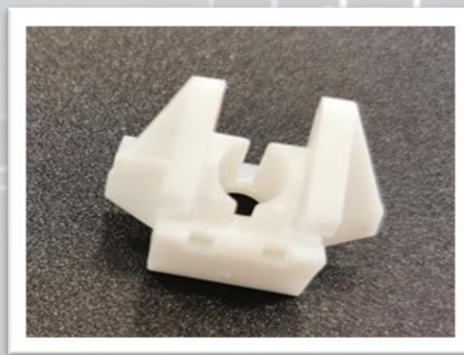
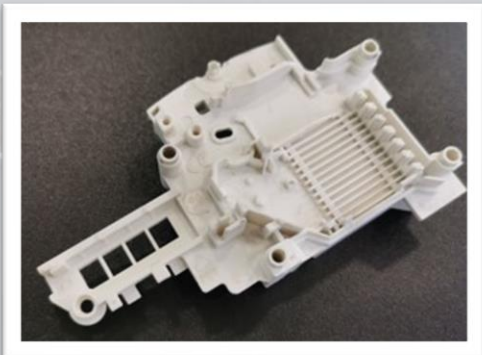
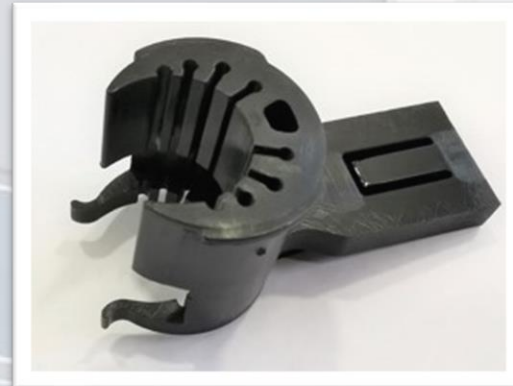
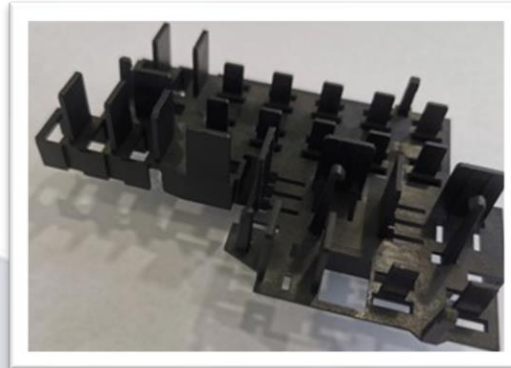
# ELECTRICAL & ELECTRONIC PARTS

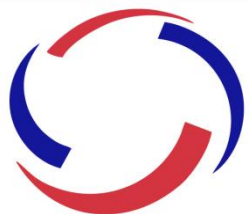




# SMALL TECHNICAL HIGH PRECISION PARTS

## Technical parts and BMC-Bulk Molding Compound





**PROCADIMOLDES**

Fabricação e Comércio de Moldes, Lda.



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Website



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**Thank you for your time**

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