

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.

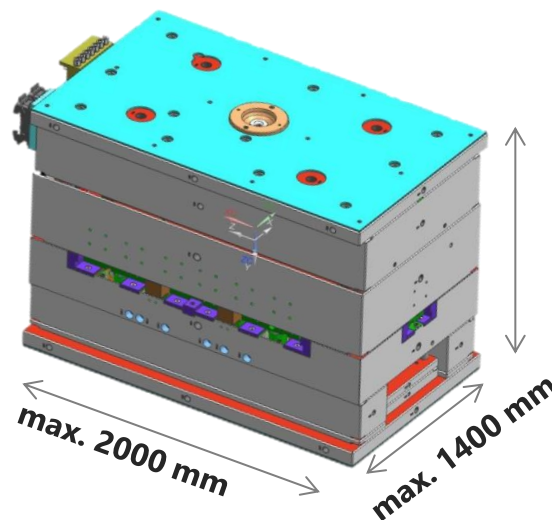
The constant innovation and commitment on cutting-edge technology as well as the proactivity and excellence of our team are the key to our success.



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.



D&B

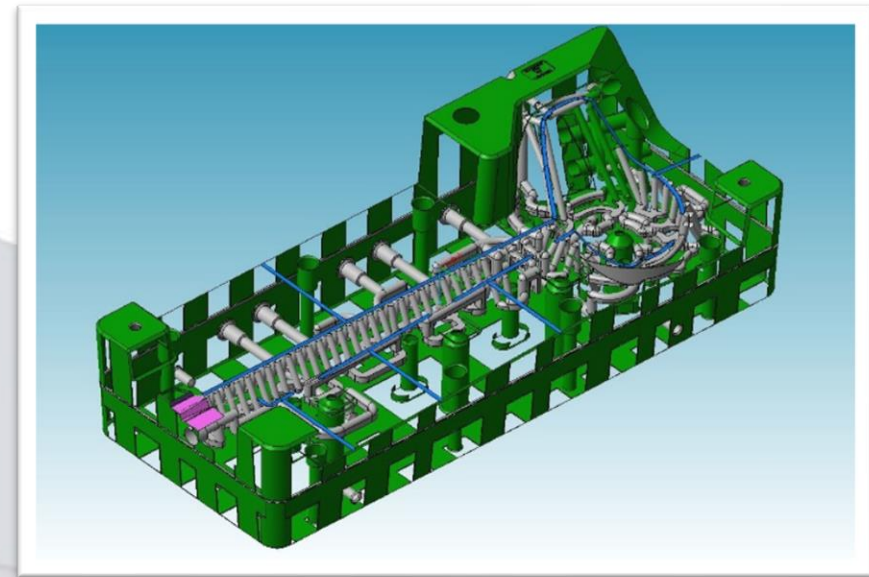
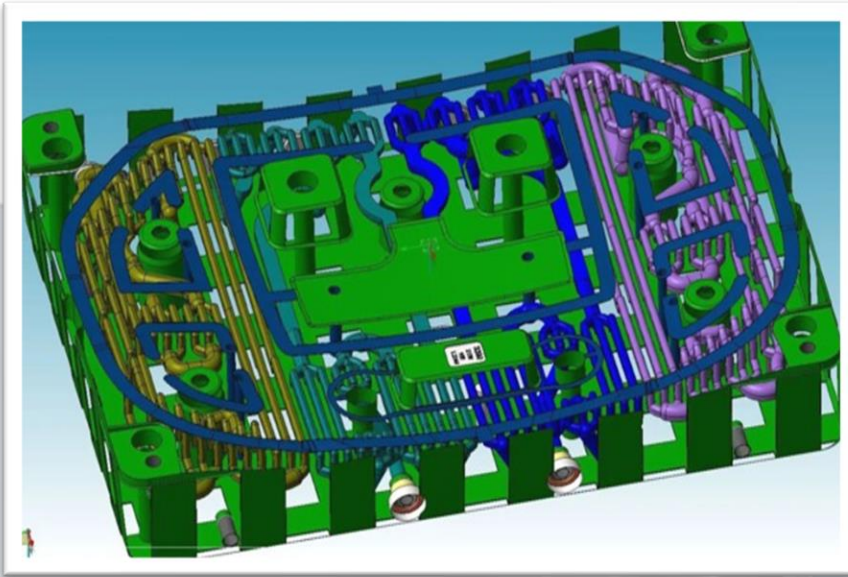
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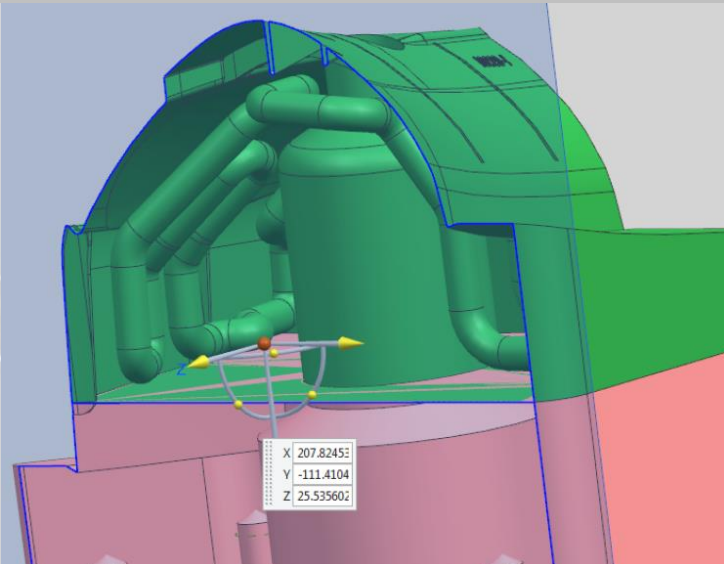
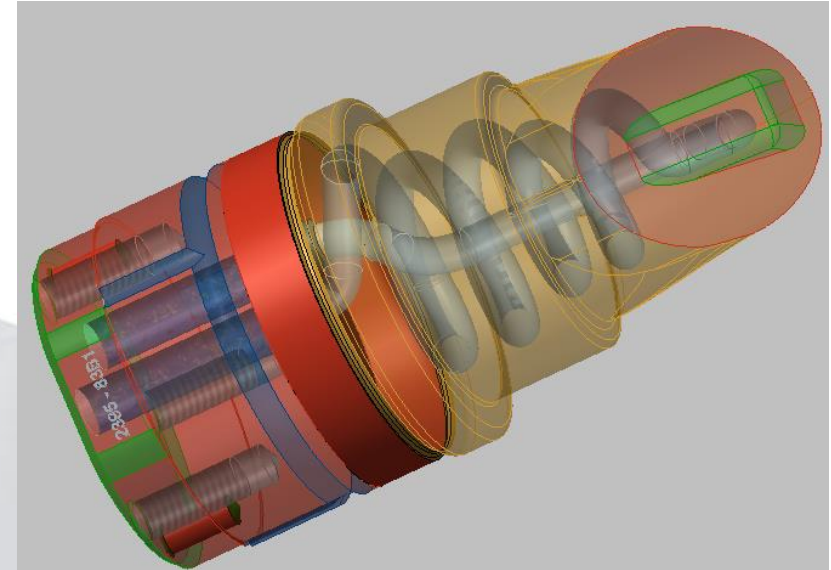
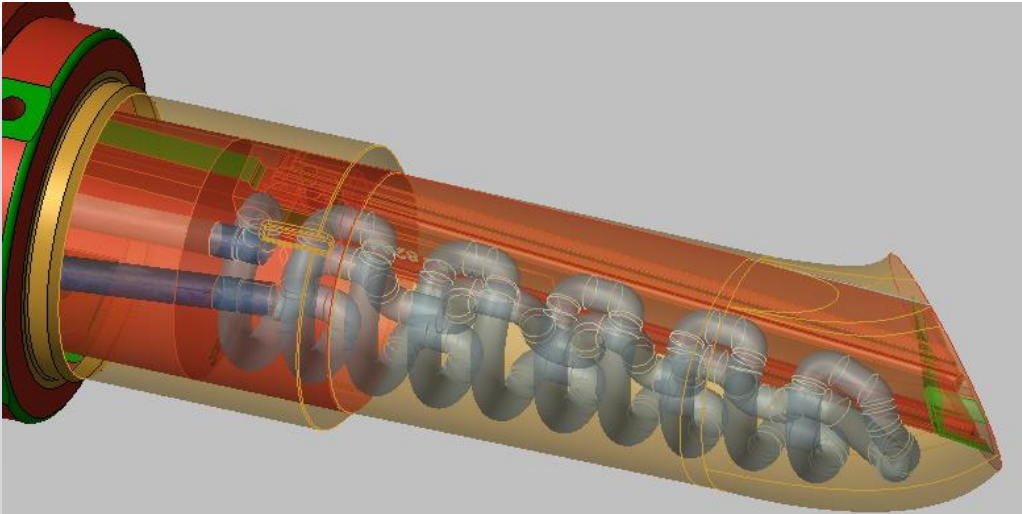
HEAT & COOL TECHNOLOGY





TOOL DESIGN | ENGINEERING | PLANNING

3D Laser Sintering

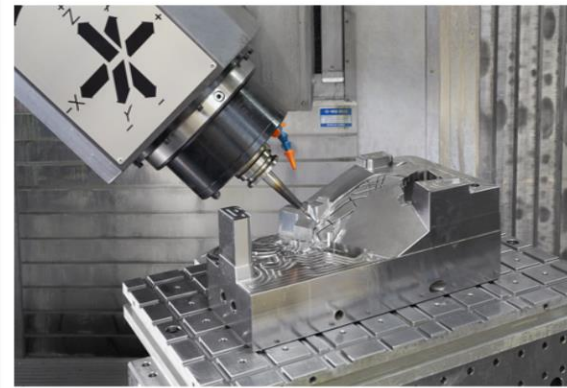
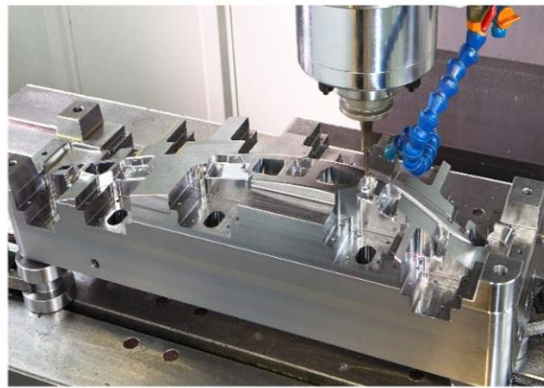




OUR EQUIPMENT

CNC MACHINES

3 & 5 axes





OUR EQUIPMENT

EDM MACHINES

Spark erosion
Wire erosion

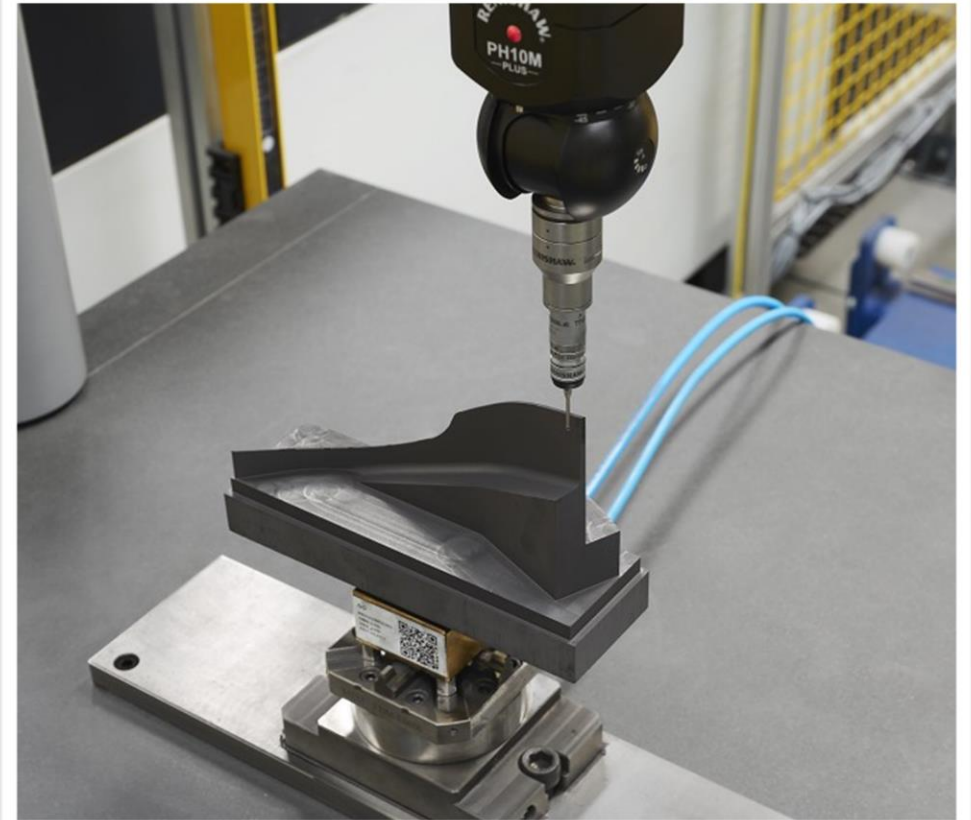
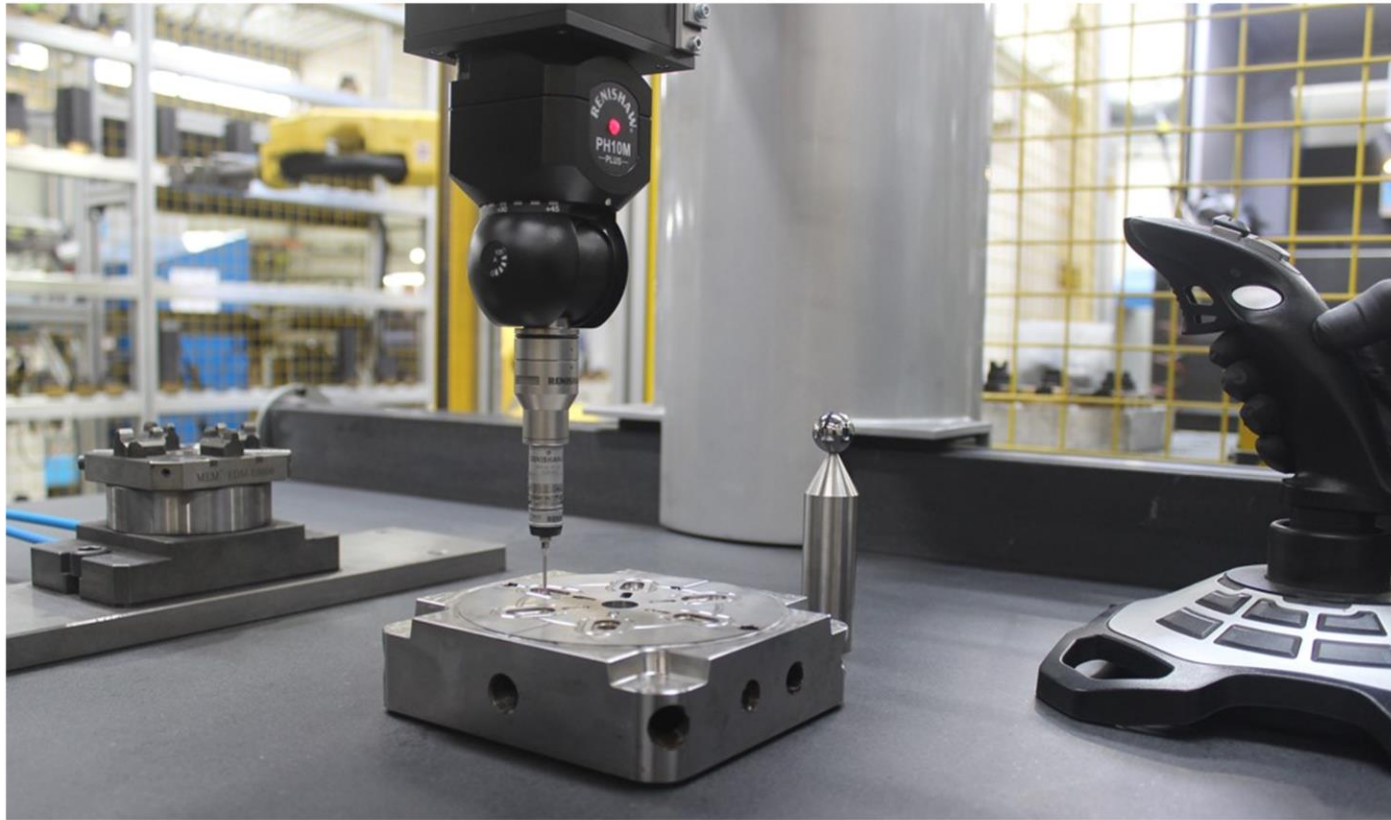


Equipment:

- ✓ 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

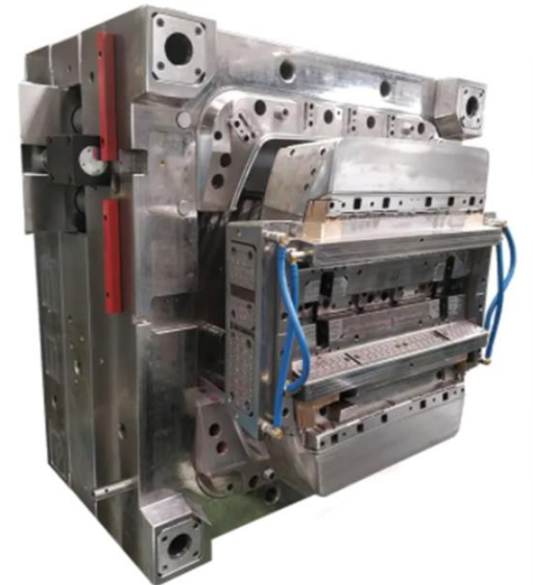
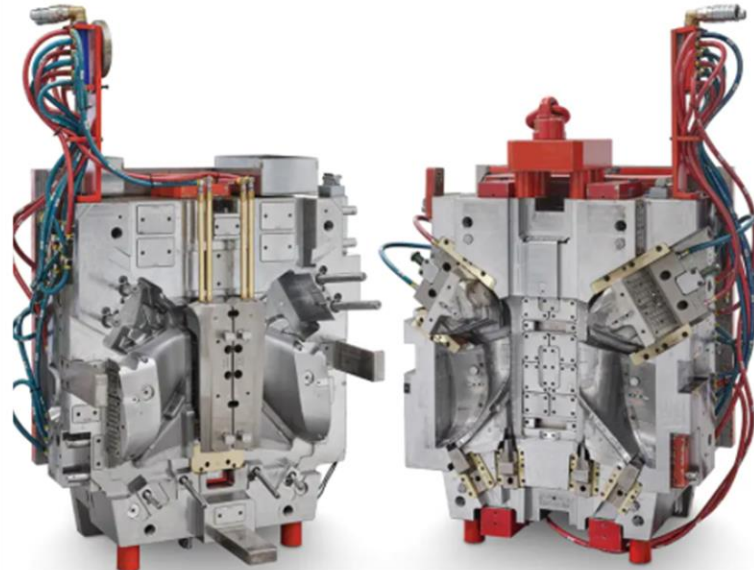
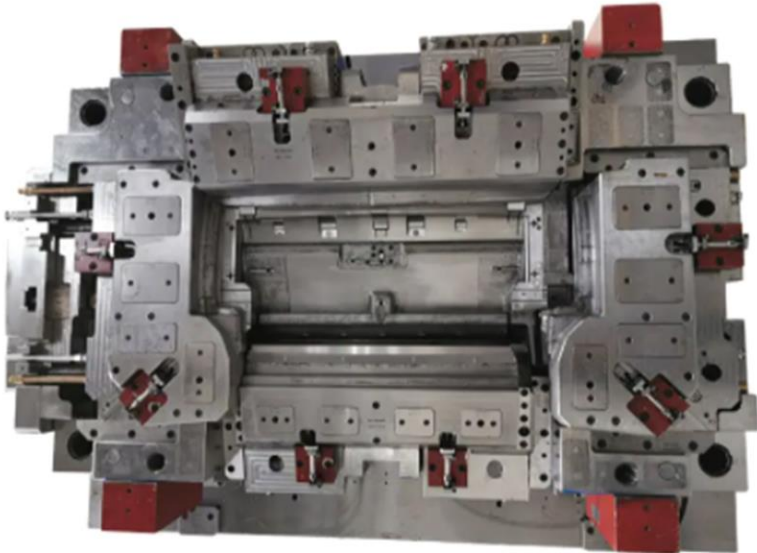
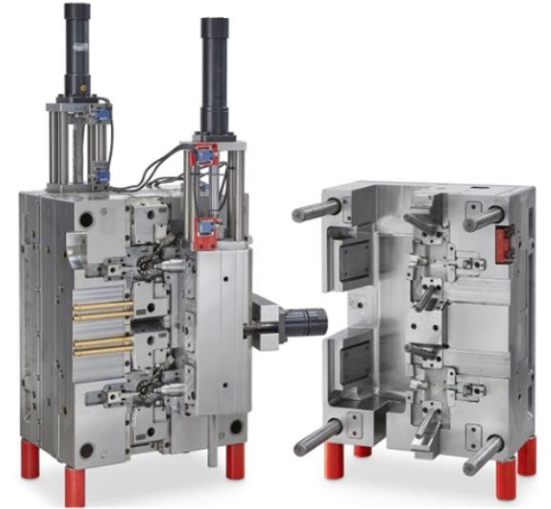
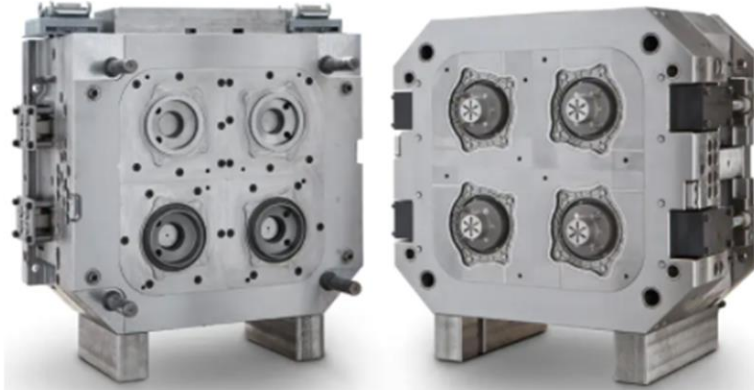
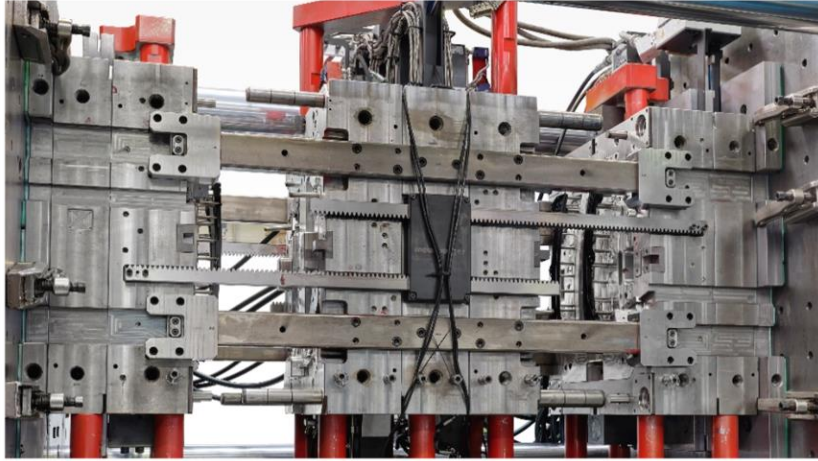
EQUIPMENT LIST

max. Dimensions (mm)

CNC machining center (Milling) (2019)	1400 x 720 x 610	Surface grinding JOENLIH (2019)	800 x 600 x 350
CNC Bridgeport machining center VTec SF2616 (2019)	2600 x 1600 x 800	Surface grinding CHEVALLIER (2003)	420 x 250 x 350
CNC machining center 5 axis DOOSAN (2017)	3000 x 850 x 800	Surface grinding PERFECT (2002)	420 x 250 x 350
CNC machining center FANUC (2017)	700 x 450 x 450	Surface grinding PERFECT (2002)	420 x 250 x 350
CNC machining center (Milling) MANFORD (2016)	1100 x 700 x 600	Radial drilling	1400 x 2000
CNC machining center (Milling) DMG DMU 75V Linear (HEIDENHAIN) 2015	885 x 600 x 600	Drilling machine	2000 x 2000 x 1500
CNC machining center (Milling) OPTIMAL (2015)	1520 x 760 x 700	Drilling machine	1500 x 1500 x 1820
CNC machining center (Milling) YCM (2016)	560 x 420 x 450	CNC drilling machine IMSA 6 axes	1000 x 100 x 400
CNC machining center (Milling) EAST LION (2003)	1050 x 650 x 600	Bridge crane	5 Ton
CNC Milling with High speed head	50 000 rpm	Bridge crane	5 Ton
Robotic cell for manufacturing CNC steel parts (2024)		Bridge crane	3.2 Ton
CNC machining center (Milling) MANFORD (2016)	1100 x 700 x 600	Bridge crane	3.2 Ton
CNC machining center (Milling) YCM (2016)	560 x 420 x 450	Bridge crane	2 Ton
Robot FANUC		Bridge crane	10 Ton
Warehouse for 24 Positions (2024)		Bridge crane	12.5 Ton + 5 Ton
Conventional Milling (2003)	800 x 400 x 410	Spotting press	Clamping force: 200 Tonnes Magnetic plates Water temperature controller -> dimensions: 2000 x 1600
Robotic cell for manufacturing, controlling electrodes and eroding steel parts (2017)		Software: Unigraphics NX / VISI / Cimatron / Mastercam / ZW3D / WorkNc	
CNC FANUC		SINEX – Integrated Production-Management-Program	
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		
EDM spark automatic electrode change – axis “C” ONA (2016)	600 x 450 x 450		
Robot FANUC			
Tridimensional machine ABERLINK			
Warehouse of 600 electrodes (2018)			
EDM wire – 5 axis automatic threading FANUC (2016)	600 x 400 x 410		
Fast drilling machine by erosion (2018)	600 x 400 x 500		

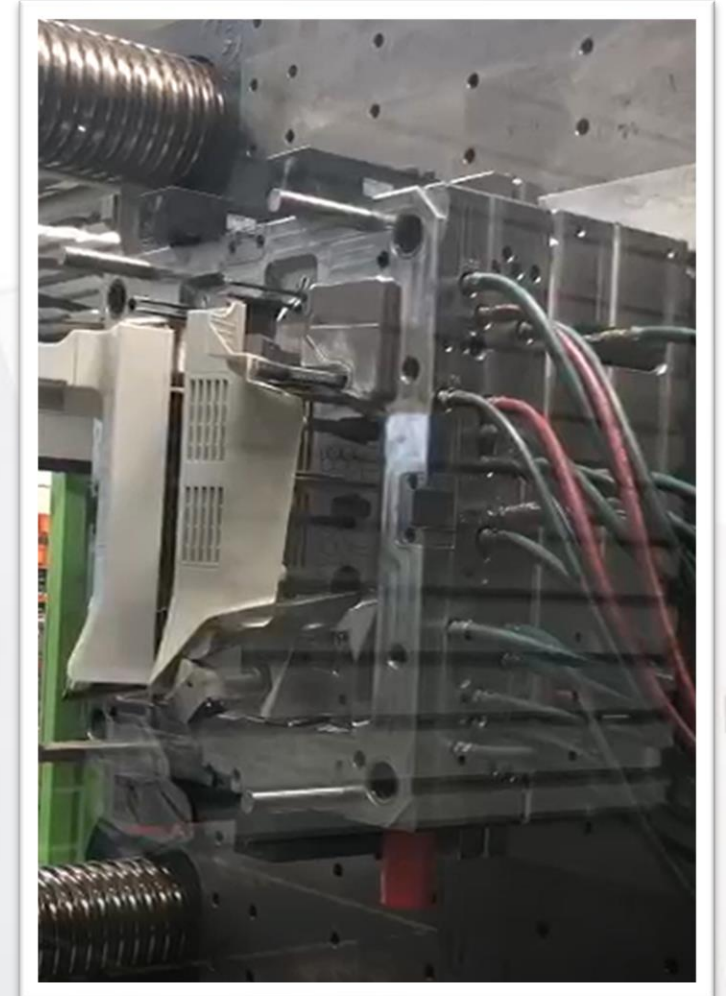
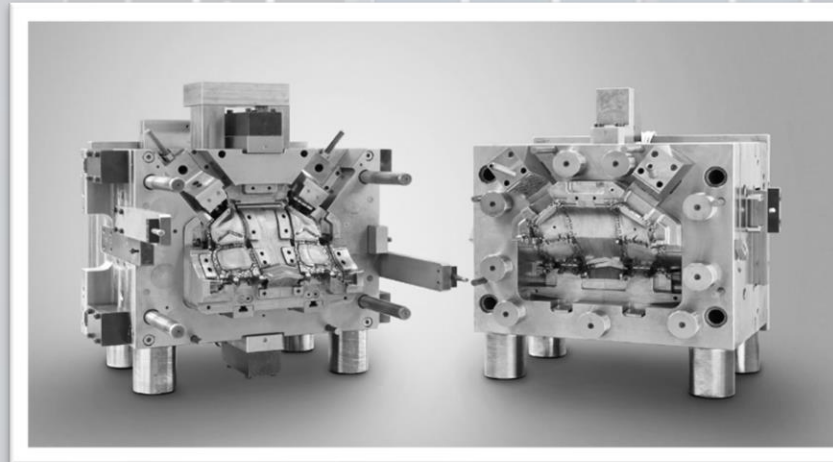


HIGH PRECISION INJECTION TOOLS/PARTS





HIGH PRECISION INJECTION TOOLS/PARTS



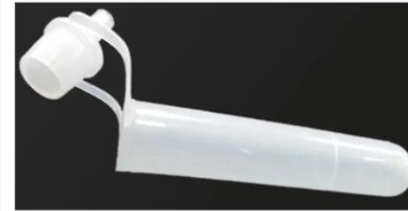


AUTOMOTIVE



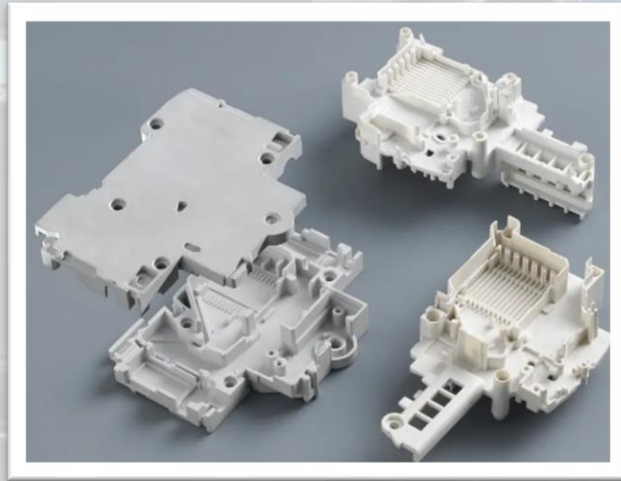
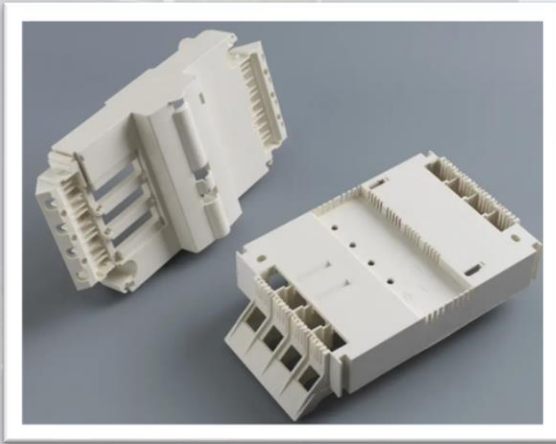
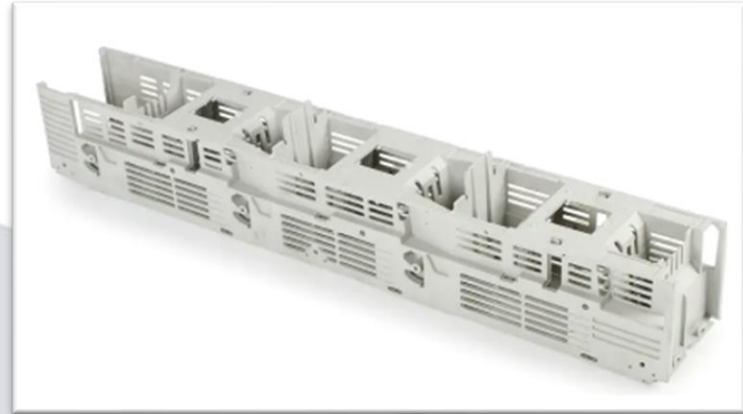
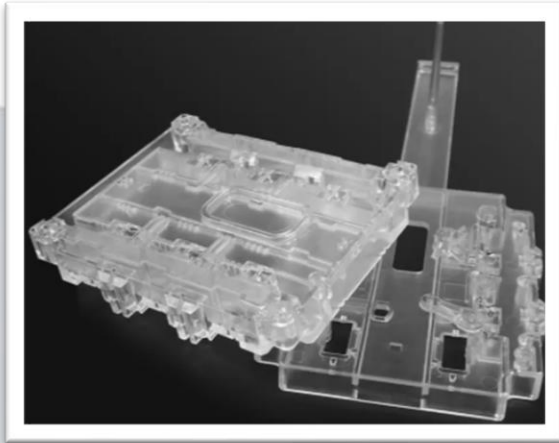


HOME APPLIANCES | PHARMA & MEDICAL EQUIPMENT





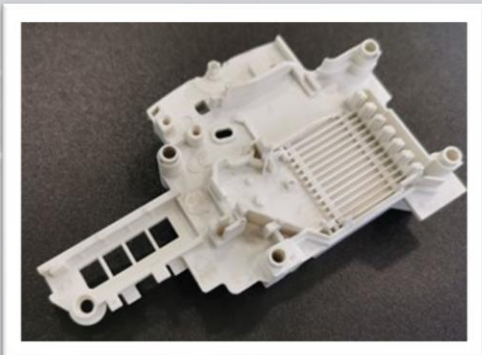
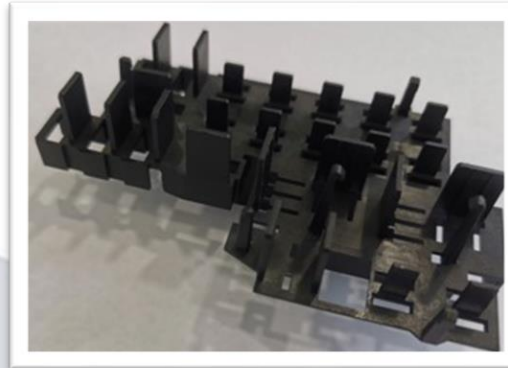
ELECTRICAL & ELECTRONIC PARTS

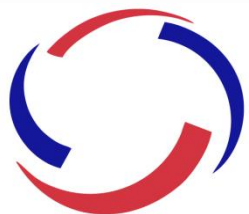




SMALL TECHNICAL HIGH PRECISION PARTS

Technical parts and BMC-Bulk Molding Compound





PROCADIMOLDES

Fabricação e Comércio de Moldes, Lda.



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