



IMOPLASTIC GROUP

IMOPLASTIC

GEOCAM

IMODRILL

IMOINJECT

IMOMEX

IMOINOV

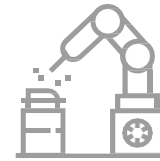
SERVICES



DESIGN AND DEVELOPMENT



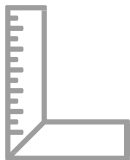
MOULD ENGINEERING



MOULD MANUFACTURING



VALIDATIONS



DIMENSIONAL CONTROL



MOTIVATION



TIMING

IMOPLASTIC



GROUP HEADQUARTERS
PRODUCTION OF MOULDS UP TO 6 TONS
SINCE 1980
70 EMPLOYEES
1200 M2 PRODUCTION AREA

IMODRILL



PRODUCTION OF MOULDS UP TO 16 TONS
SINCE 2011
50 EMPLOYEES
2000 M2 PRODUCTION AREA

GEOCAM



PRODUCTION OF MOULDS UP TO 40 TONS
SINCE 1999
80 EMPLOYEES
3100 M2 PRODUCTION AREA
DESIGN CAPABILITIES

IMOINJECT



PRODUCTION AND INJECTION OF THERMOPLASTICS
2000 M2 PRODUCTION AREA
SINCE 2013
20 EMPLOYEES

IMOMEX



COMMERCIAL TRADE CENTRE
SINCE 2016
2 EMPLOYEES

IMOINOV



COSTUMER SUPPORT COMPANY
SINCE 2020
4 EMPLOYEES

MARKETS

Exports 95% to many different countries from Europe to North and South America and Africa

Main end markets:

- 70% automotive industry;
- 10% white goods and appliance industry
- 20% other industries from packaging to housewares, die casting, gardening, medical, etc.

18.000.000,00 eur turnover

Cutting edge technology

Focus on quality and productivity process

Recognition at a national and global level

Iso 9001:2015 certification



REFERENCES



Mercedes-Benz



mabe



SIEMENS

GAGGENAU

BOSCH

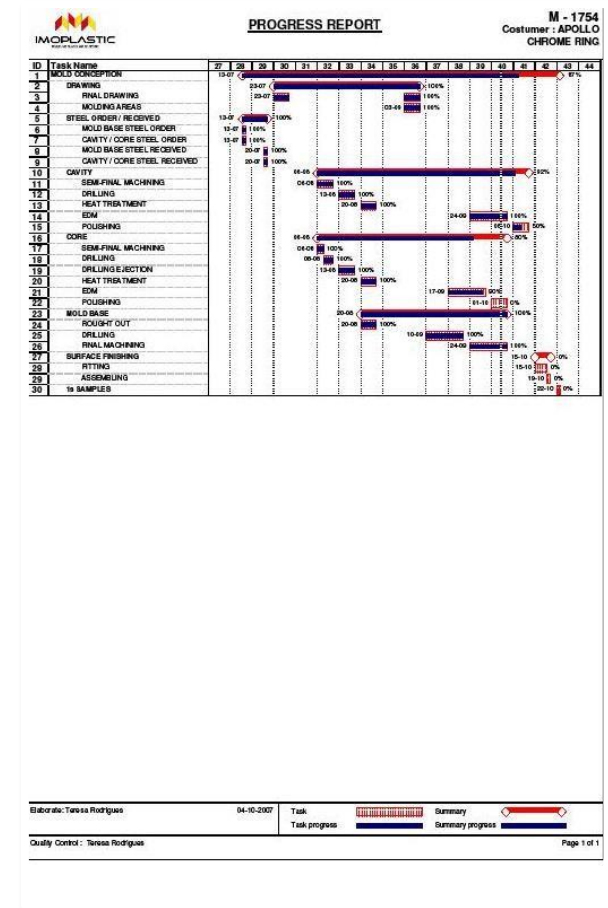
ABB

MAIN COMPETITIVE ADVANTAGES

- Strong commercial involvement and proximity with customers, which promotes a good understanding of their expectations since the first moment;
- Injection of pre-serial parts;
- European steels (Thyssen, Uddeholm, Eschmann);
- Standard components (Hasco, Dme, Progressive, Staubli);
- Brand hotrunner systems (Moldmasters, Synventive, Incoe, Dme, Incoe, Thermoplay, Yudo, Hrs, among others);
- Certified vacuum heat treatments provided by Thyssen Krupp;
- Experience and know-how (please visit the on-line catalogue on our website to see some of our samples portfolio);
- After-sales assistance.


STRONG RELIABLE PRODUCTION PROCESS

- Preliminary mould drawings submitted and approved by customer;
- Project revisions;
- Weekly progress reports with evidence photos;
- Mould tryouts in time and according to injection process data sheet setup;
- Dimensional reports available;
- Fine tuning made in Portugal prior to mould shipment;
- Chemical textures made with Moldtech-Standex and Eschmann texture;
- Short production runs available.



TECHNICAL FILE SENT WITH MOULD - WHICH INCLUDES:

- Assembly drawings in paper;
- USB with all 2d-3d data of the mould and plastic part including components and electrodes;
- Hotrunner drawings;
- Steel and heat treatment certificates;
- USB with video of the mould running for 5 minutes in automatic mode;
- Injection process data sheet setup for easy and quick mould start.

 **TEST REPORT**
MOLDE Nº 1888

DESCRIPTION

YOUR MOLD: WA nr. 1-3306
PART NAME: ANKÜTRÄGER 4025

TECHNICAL INFORMATION

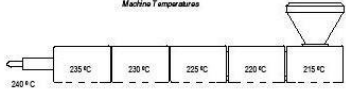
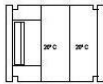
INJECTION MACHINE: NEGRI BOSSI 270T
RAW MATERIAL: Pp
COLOUR: GREEN

MOULDING CONDITIONS

TEMPERATURES

CAVITY: 20 °C
CORE: 20 °C
SLIDES: °C
NOZZLE: 280 °C
JIGGLE PINS: °C

Mould Water Temperatures **Machine Temperatures**




MOULDING CONDITIONS

INJECTION			
	PRESSURE	TIME	SPEED
1 st INJECTION (SPECIFIC 1765)	180 bar	5.93 sec	80 %
2 nd INJECTION	bar	sec	%
DOSE	100 mm ³	5.72 sec	
COOLING	35 sec		
SPINDLE ROTATION	150 rpm		
TOTAL CYCLE	56.8 sec		
PARTS OBTAINED	1		

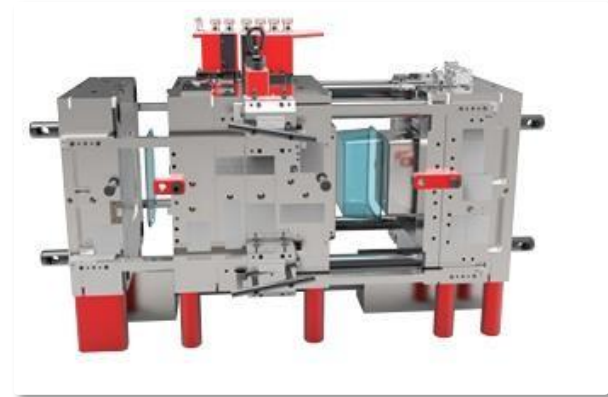
Obs:

Date: 2005-09-18



MOULD DELIVERED

- Painted or not, according to customer's specifications;
- Stamped with circuits id's; components id's; steel quality;
- Plates fixed on both halves with circuits schemes;
- Work flow instructions engraved in fixed plate on operator side;
- Hotrunner id and connections plates;
- Imoplastic id plate.





A Imoplastic é especializada na fabricação de moldes de injeção para a indústria do plástico, tendo capacidade de produção até 6 toneladas.



Imoplastic is specialized in manufacturing injection moulds for the plastic industry with production capacity up to 6 tons.



Imoplastic es especializada en la fabricación de moldes de inyección para la Industria del plástico, con capacidad productiva hasta 6 toneladas.

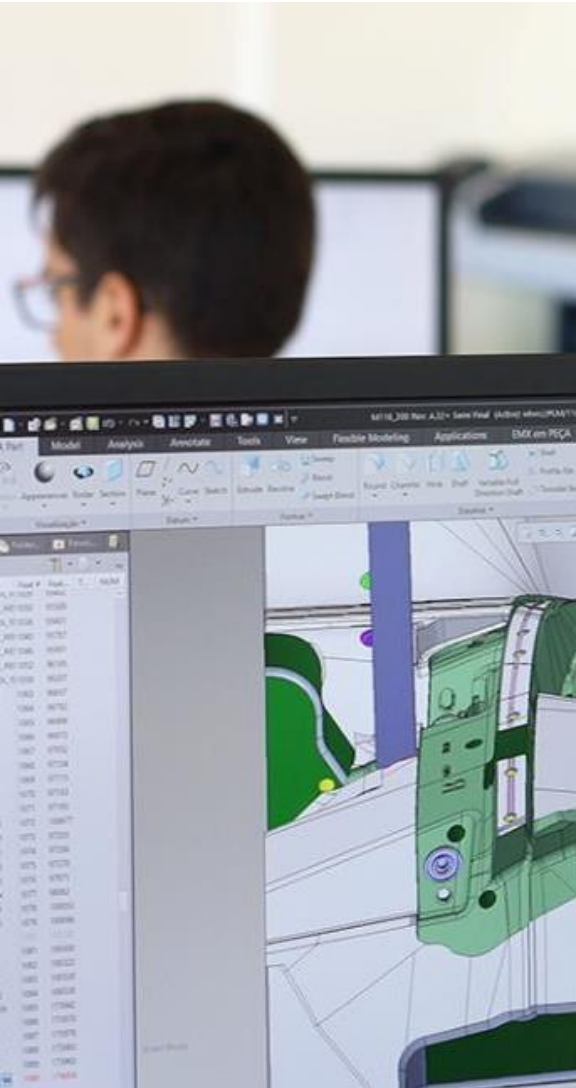


Imoplastic est spécialisé dans la fabrication des moules pour l'industrie du plastique, avec une capacité de production jusqu'à 6 tonnes.



Imoplastic ist spezialisiert im Werkzeugbau für Spritzgussteile für die Plastikindustrie, hier mit einer Kapazität bis zu 6 Tonnen.

8X CAD POST	PTC CREO PARAMETRIC	
4X CAM SYSTEM (MACHINING)	CIMATRON	
1X HIGH-SPEED MILLING CENTER	OPS INGERSOLL SPEED HAUWK 550 5 AXES ELECTROD MILLING WITH 150 ELECTRODES	550 X 350 X 250MM
2X HIGH-SPEED MILLING CENTER	DECKEL MAHO DMU95 MONOBLOCK 5 AXIS Ø800 22000RPM	950 X 850 X 650MM
1X HIGH-SPEED MILLING CENTER	DECKEL MAHO DMU95 MONOBLOCK 5 AXIS Ø800 22000RPM	750 X 650 X 560MM
1X ELECTRO-EROSION DRILLING MACHINE	CHARMILLES HD 30CNC	600 X 400 X 250MM
1X ELECTRO-EROSION MACHINE	SODICK AG80L	1200 X 900 X 500MM
1X ELECTRO-EROSION MACHINE	INGERSOLL GANTRY 1200 CNC - 50 ELECTRODES (WORK TANK DIM: 1270 X 1770 X 680MM) (AXIS TRAVEL: 1000 X 1500 X 650MM)	
1X ELECTRO-EROSION MACHINE	INGERSOLL GANTRY EAGLE 800 – 75 ELECTRODES (WORK TANK DIM: 1000 X 800 X 680MM) (AXIS TRAVEL: 850 X 460 X 500MM)	
1X WIRE-EROSION MACHINE	SODICK – AQ537L COM. LP33W	900 X 600 X 300MM
1X 3D MEASURING MACHINE	DEA GLOBAL	1000 X 700 X 700MM
1X MILLING MACHINE	PBM PHOEBUS	1200 X 500 X 350MM
1X MILLING MACHINE	BRIDGEPORT BRJ WITH DIGITAL READOUT	1200 X 500 X 350MM
1X MILLING MACHINE	ANAYAK FV4 WITH DIGITAL READOUT	1200 X 500 X 350MM
1X MILLING MACHINE	MFMS WITH DIGITAL READOUT	1200 X 500 X 350MM
1X DRILLING MACHINE	MAS V050 / 1600	
1X MECHANIC LATHE MACHINE	TRENSTRENCI SN 32/1000	
1X SURFACE GRINDING MACHINE	CHEVALIER FSG - 1632ADIII	800 X 400 X 350MM
1X SURFACE GRINDING MACHINE	CHEVALIER 6185P	400 X 200 X 200MM
1X SPOTTING PRESS MACHINE	MILLUTENSIL 123	1300 X 1100 X 1190MM
1X POLISHING MACHINE (FINE GRAIN)	PEENMATIC 33W	
1X POLISHING MACHINE (ROUGH GRAIN)	PEENMATIC 950ZID	



Formação de jovens para a indústria de moldes, produzindo todas as estruturas e fabricando moldes de injeção para a indústria do plástico de 6 a 16 toneladas.



Training of young people for the mold industry, while manufacturing all our mould bases and complete moulds for the plastic industry, from 6 up to 16 tons.



Formación de jóvenes para la industria de los moldes, produciendo todos los porta moldes y fabricación de moldes de inyección para la industria del plástico de 6 hasta 16 toneladas.



Formation des personnes jeunes pour l'industrie des moules, avec la production des toutes les carcasses, ainsi comme la fabrication des moules pour l'industrie du plastique de 6 à 16 tonnes.



Ausbildung von Jugendlichen für den Werkzeugbau, in der alle Werkzeugaufbauten für die Plastikindustrie hergestellt werden und auch Werkzeuge von 6 bis zu 16 Tonnen.

SOFTWARE PLM (PRODUCT LIFECYCLE MANAGEMENT)	WINDCHILL	
2X CAM SYSTEMS (MACHINING)	RTM LEMOINE	
7X CAM SYSTEMS (MACHINING)	CIMATRON	
5X CAD POST	PTC CREO PARAMETRIC	
1X HIGH-SPEED MILLING CENTER	QUICK-JET GTV-95X 5 AXES 24000RPM	910 X 500MM
1X HIGH-SPEED MILLING CENTER	QUICK-JET AV-1612 3 AXES 12000RPM	1700 X 1500MM
1X HIGH-SPEED MILLING CENTER	MORI SEIKI NH 6300 DCG	
1X HIGH-SPEED MILLING CENTER	MAZAK NEXUS 8800-II 4 AXIS	1400 X 1200 X 1300MM
1X HIGH-SPEED MILLING-DRILLING CENTER	SAMAG TFZ 2-1000 6 AXIS	1200 X 1000 X 1000MM
1X HIGH-SPEED MILLING CENTER	MOLDMAK INDEX 3000 6 AXIS	3000 X 1500 X 700MM
1X HIGH-SPEED MILLING CENTER	GENTIGER-GT3016V 3 AXIS	3300 X 1600 X 800MM
1X HIGH-SPEED MILLING CENTER	TIGER TBF 230 3 AXIS	1885 X 1000 X 1000MM
1X HIGH-SPEED MILLING CENTER	DROOP REIN 3 AXIS	1850 X 850 X 550MM
1X HIGH-SPEED MILLING CENTER	OKK HM1600 4 AXIS	2400 X 1650 X 1750MM
1X HIGH-SPEED MILLING CENTER	INGERSOLL V9 5 AXIS	800 X 600 X 500MM
1X CONVENTIONAL MILLING MACHINE	KONDIA POWERMILL KP90	
1X CONVENTIONAL MILLING MACHINE	KONDIA POWERMILL KP90	
1X CONVENTIONAL MILLING MACHINE	MIKRO FM-16S	
1X ELECTRO-EROSION MACHINE	INGERSOLL GANTRY EAGLE 1400	1250 X 2350 X 900MM
1X SPOTTING PRESS MACHINE	KUKA TUS – 2000 KN	2500 X 1800 X 2000MM
1X SURFACE GRINDING MACHINE	DAESAN DGS – 15300 2S	3250 X 1750MM
1X SURFACE GRINDING MACHINE	CHEVALIER FSG – 16332ADIII	800 X 400 X 350MM
1X SURFACE GRINDING MACHINE	CHEVALIER 6185P	400 X 200 X 200MM
1X DRILLING MACHINE	GIRARDS GRO8	
2X THREAD DRILLING MACHINE	CMA RHRM 45D	



A Geocam é especializada na fabricação de moldes de injeção para a indústria do plástico, tendo capacidade de produção até 40 toneladas.



Geocam is specialized in manufacturing injection moulds for plastic industry with production capacity up to 40 tons.



Geocam es especializada en la fabricación de moldes de inyección para la industria del plástico, con capacidad productiva hasta 40 toneladas.

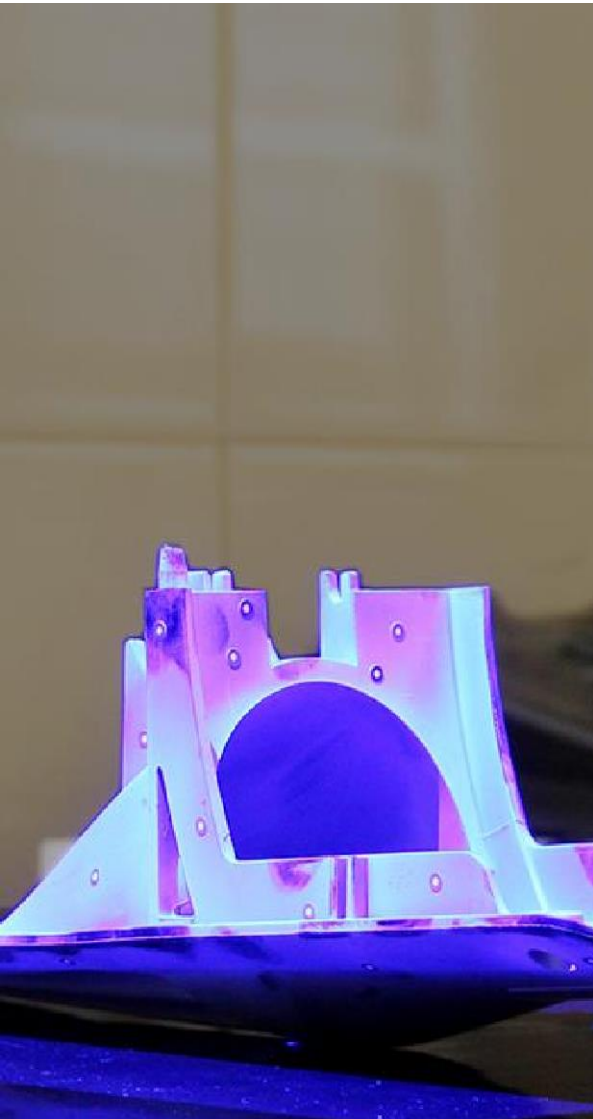


Geocam est spécialisé dans la production des moules pour l'industrie du plastique, avec une capacité de production jusqu'à 40 tonnes.



Geocam ist spezialisiert im Werkzeugbau für die Spritzgussteile für die Plastikindustrie, hier mit einer Kapazität bis zu 40 Tonnen.

8X CAD POST	TOPSOLID	
7X CAM SYSTEMS (MACHINING)	POWERMILL	
1X MILLING CENTER	DOOSAN NX	900 X 550 X 500MM
1X MILLING CENTER	LEADWELL	762 X 413 X 520MM
1X MILLING CENTERS	AWEA VP	2000 X 1200 X 960MM
1X MILLING CENTER	AWEA AF	2000 X 1200 X 960MM
1X MILLING CENTER	AWEA VP	3000 X 1600 X 960MM
1X MILLING CENTER	AWEA	1021 X 551 X 636MM
1X MILLING CENTER	EUMACH	2200 X 1750 X 750MM
1X MILLING MACHINE	ARGO	900 X 400 X 500MM
1X MILLING MACHINE	RAMBAUDI	1400 X 700 X 600MM
1X MILLING MACHINE	LAGUN	900 X 400 X 400MM
1X MILLING CENTER	BRIDGEPORT	
2X MILLING MACHINE 5 AXIS	PROMAC	2500 X 4000 X 1200MM
1X MILLING MACHINE 5 AXIS	MATSUURA	680 X 560 X 510MM
1X MILLING MACHINE 5 AXIS	OMV	1200 X 1800 X 1000MM
1X MILLING MACHINE	SORALUCE	4500 X 1800 X 1200MM
1X ELECTRO-EROSION	ONA	610 X 413 X 400MM
1X ELECTRO-EROSION	ONA	1500 X 750 X 650MM
1X ELECTRO-EROSION	ONA	3000 X 1500 X 1000MM
1X CNC DRILLING MACHINE	HETO 2000 PLUS	2000 X 800 X 850MM
1X CNC DRILLING MACHINE	CHETO MT2500	2500 X 1200 X 650 X 1550MM
1X SURFACE GRINDING MACHINE	CHEVALIER	450 X 150 X 300MM
1X SURFACE GRINDING MACHINE	CHEVALIER	450 X 200 X 320MM
1X SURFACE GRINDING MACHINE	CHEVALIER	450 X 150MM
1X SURFACE GRINDING MACHINE	THOMPSON MATRIX	2500 X 770 X 500MM
1X TESTING MATRIX PRESSER	REIS TUS130	1600 X 1300 X 1400MM
1X TESTING MATRIX PRESSER	REIS TUS200	2000 X 2500 X 2700MM
1X MILLING MACHINE	JUI CHUN	
1X MILLING MACHINE	HUVEMA INDUSTRIAL	
1X LATHE MACHINE		



A Imoinject iniciou a sua atividade com a execução de testes de avaliação de desempenho dos moldes de injeção executados dentro do grupo, vocacionando-se posteriormente enquanto unidade de produção para a injeção de peças de geometrias complexas e em materiais de elevado desempenho.



Imoinject began its activity with the performance evaluation try-outs of the injection moulds executed within the group, later becoming a production unit for the injection of parts of complex geometries and in high performance materials.



Imoinject inició su actividad con las pruebas de evaluación de desempeño de los moldes de inyección ejecutados dentro del grupo, y luego se convirtió en una unidad de producción para la inyección de piezas de geometrías complejas y en materiales de alto rendimiento.



Imoinject a commencé son activité en réalisant des essais d'évaluation des performances des moules d'injection réalisés dans le groupe. Il est ensuite devenu une unité de production pour l'injection de pièces de géométries complexes et de matériaux à hautes performances.



Imoinject begann seine Tätigkeit mit der Leistungsbewertung von Spritzgusswerkzeugen, die innerhalb der Gruppe gebaut wurden und hat sich nun zu einer Produktionseinheit für das Spritzen von Teilen mit komplexen Geometrien und aus Materialien mit hoher Leistung spezialisiert.

1X 80 TON INJECTION MACHINE	KRAUSS MAFFEI CX 80/350
1X 120 TON INJECTION MACHINE W/ROBOT	ENGEL E-VICTORY 120/440 + ROBOT ENGEL VIPER 6
1X 210 TON INJECTION MACHINE W/ROBOT	SUMITOMO DEMAG 210/580-840 + ROBOT STAR ES 1000
1X 350 TON INJECTION MACHINE W/ROBOT	SUMITOMO DEMAG 350/720-1450 + ROBOT STAR ES 1000
1X 650 TON INJECTION MACHINE W/ROBOT	SUMITOMO DEMAG 650/1020-3300 + ROBOT STAR ES 1400
1X 1000 TON INJECTION MACHINE W/ROBOT	SUMITOMO DEMAG 1000/1400-6400 + ROBOT STAR ESW 1700
1X 2ND INJECTION UNIT PLASDAN 199G	
1X 2ND INJECTION UNIT PLASDAN 59G	
1X 2ND INJECTION UNIT BABYPLAST 23G	
1X ROTARY PLATE WITH DIAMETER 1350	
1X ROTARY PLATE WITH DIAMETER 750	
1X 24 ZONES CONTROLLER – MOLD MASTER	
2X THERMO CONDITIONERS HB-140Z2	
2X THERMO CONDITIONERS HB-140Z1	
2X THERMO CONDITIONERS HB-100Z1	
2X OIL THERMO CONDITIONERS TOOL-TEMP TT288	
2X THERMO CONDITIONERS TOOL-TEMP TT142	
2X THERMO CONDITIONERS TOOL-TEMP TTDW 160	
1X WATER COOLING TOWER	
1X COOLER MTA TAE EVO 161	
1X MILL	
2X DRYERS MORETTO 200KG	
2X DRYERS MORETTO 150KG	
4X DRYERS MORETTO 100KG	
3D MEASURING MACHINE	ATOS COMPACT SCAN 5M REF SOFTWARE: ATOS PROFESSIONAL 2018



Empresa criada no México como suporte técnico-comercial aos nossos clientes, tendo como objectivo também a prospecção de novos clientes e a ligação ao GRUPO IMOPLASTIC.



Company created in Mexico to give our local customers a technical/commercial support. Search for new clients and connect them to IMOPLASTIC GROUP, is also our goal.



Empresa fundada en México como el apoyo técnico y comercial a nuestros clientes con el objetivo de prospección de nuevo clientes y la conexión con el GRUPO IMOPLASTIC.



Société créé au Mexique comme support technique et commercial pour nos clients, avec l'objectif de prospection des nouveaux clients et la connexion avec le GROUPE IMOPLASTIC.



Die gegründete Firma in Mexico ist ein Technischer/Kommerzieller Zusatz zu IMOPLASTIC GROUP, um unseren Kunden und möglichen Neu Kunden zu unterstützen.



Fundada em 2020, surge para apoiar os clientes, quer na pré-venda quer na pós-venda dos moldes, enquanto investiga e pesquisa novos métodos e técnicas inovadoras para a produção de moldes e injeção de peças.



Founded in 2020, it was created to offer support to its clients, both in the pre-sale and after-sale of the moulds, while investigating and researching innovative methods and techniques for the manufacturing of moulds and injection of plastic parts.



Fundada en 2020, surge para ayudar a los clientes, tanto en la preventa como en la postventa de los moldes, mientras investiga nuevos métodos y técnicas innovadores para la producción de moldes e inyección de piezas.



Fondée en 2020, elle semble accompagner les clients, tant dans la pré-vente que dans l'après-vente des moules, tout en recherchant et en recherchant de nouvelles méthodes et techniques innovantes pour la production de moules et l'injection de pièces.



Das im Jahr 2020 gegründete Unternehmen erscheint, um Kunden zu unterstützen, sowohl beim Vorverkauf wie auch beim Nachverkauf der Spritzgusswerkzeuge und gleichzeitig neue innovative Methoden und Techniken für die Herstellung von Spritzgusswerkzeuge und für die Einspritzung zu erforschen.

2X INJECTION MOULDING SIMULATION	MOLDEX3D
1X STRUCTURAL ANALISYS SIMULATION	ANSYS MECHANICAL
1X CAD POST	RHINOCEROS
1X CAD POST	SPACE CLAIM DIRECT MODELING
1X CAD POST	PTC CREO PARAMETRIC
3D PRINTER	FDM 3D PRINTER (ABS) MODEL: FORTUS 250MC BRAND: STRATASYS

VISIT US!

www.imoplasticgroup.pt



Estrada do Pero Neto, Cova da Raposa, 2431-902, Marinha Grande, Portugal

Telephone: (+351) 244 572 222 | GPS: 39°44'58.24"N 8°54'08.99"W

Email: imoplastic@imoinject.pt | Webpage : www.imoplasticgroup.pt