



IMOPLASTIC

IMODRILL

GEOCAM

IMOINJECT

IMOMEX

IMOINOV



THE GROUP

IMOPLASTIC Group specializes in the manufacturing of moulds for the injection of thermoplastics, with the added value of injection / production of plastic parts. By continuously investing on the innovation and training of our professionals, we have consolidated our position worldwide.

MORE THAN...



YEARS



DESIGN AND DEVELOPMENT

We count on a specialized and rigorous team that develops customized solutions answering the customer's needs and aiming for the excellence of the final product.



MOULD ENGINEERING

Equipped with the latest softwares and with an experienced team, we study and execute detailed solutions to ensure the desired quality and results.



MOULD MANUFACTURING

The experience of our professionals allows us to guarantee the precise execution of the requested works.



VALIDATIONS

We have a multidisciplinary team dedicated to the performance evaluation tryouts of the injection moulds executed within the group.



DIMENSIONAL CONTROL

We have the latest generation equipment and we perform the necessary measurements to validate the work performed in production.



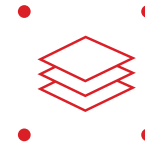
MOTIVATION

Focusing on the operator's self-inspection and process innovation, our professionals are committed to comply with every requirement in the production of moulds and plastic parts.



TIMING

We define the best strategies, the best methods and bet on the best technologies to guarantee the accomplishment of the established goals.



INTEGRATED SOLUTIONS

Product development; Mould Design; Production of plastic parts; Assembly of components.



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	SINCE 2013	20 EMPLOYEES	2000 M2 PRODUCTION AREA
IMOMEX		COMMERCIAL TRADE CENTER	SINCE 2016	2 EMPLOYEES	
IMOINOV		CUSTOMER SUPPORT COMPANY	SINCE 2020	4 EMPLOYEES	

WORLD PRESENCE

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€
turnover

➤ Cutting edge
technology

➤ Focus on quality and
productivity process

➤ Recognition at a
global level

➤ ISO 9001:2015
certification



2K/3K

We can manufacture moulds up to 3 different components.



APPLIANCES

Our parts are present in several household appliances, from coffee machines to refrigerators.



AUTOMOTIVE

From the grille to the smallest component of the car, everything is in-house produced.



ELECTRIC

You can find our parts in various electronic devices.



GARDEN

Our parts are present in countless gardening tools.



MEDICAL

We manufacture moulds for different areas of the medical field.



NAUTICAL

We have the know-how in the production of plastic parts for nautical equipment.



PACKAGING

We can manufacture packaging parts, from food-storage containers to all kinds of storage items.



SANITATION

We can manufacture parts for sanitation appliances.



TEXTILE

We can produce parts with integrated textile materials.



THIN WALL

We have experience producing thin wall injection moulds.

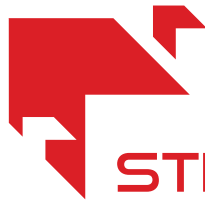


REFERENCES

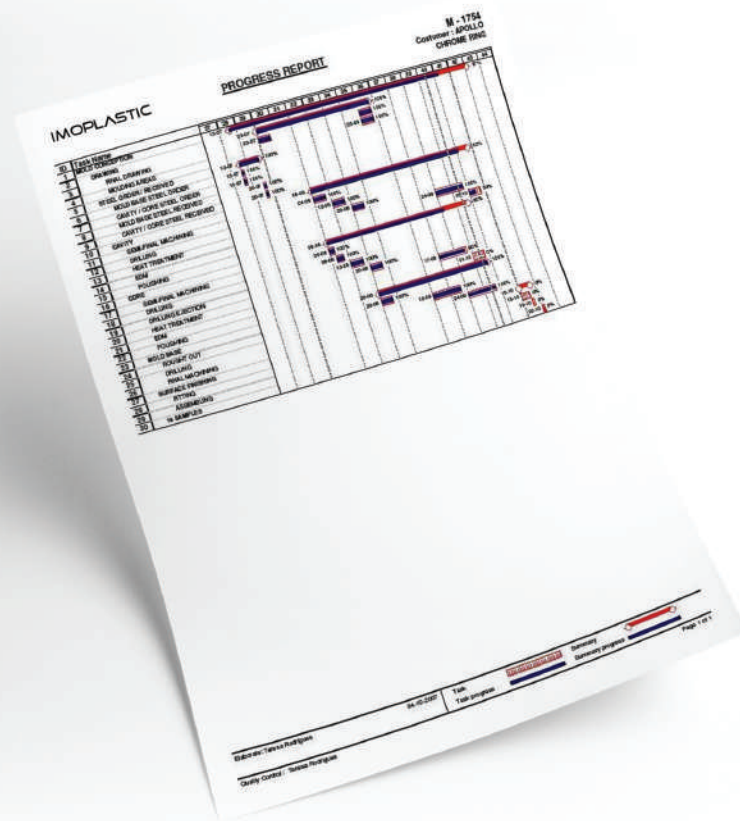
FOCUS & SUCCESS

Focusing on the requirements completion in the production of moulds and plastic parts, we develop the best strategies and methods. We work in numerous areas recognized worldwide which have challenged us to achieve mutual success.

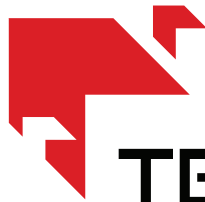




STRONG RELIABLE PRODUCTION PROCESS



- ✓ 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.



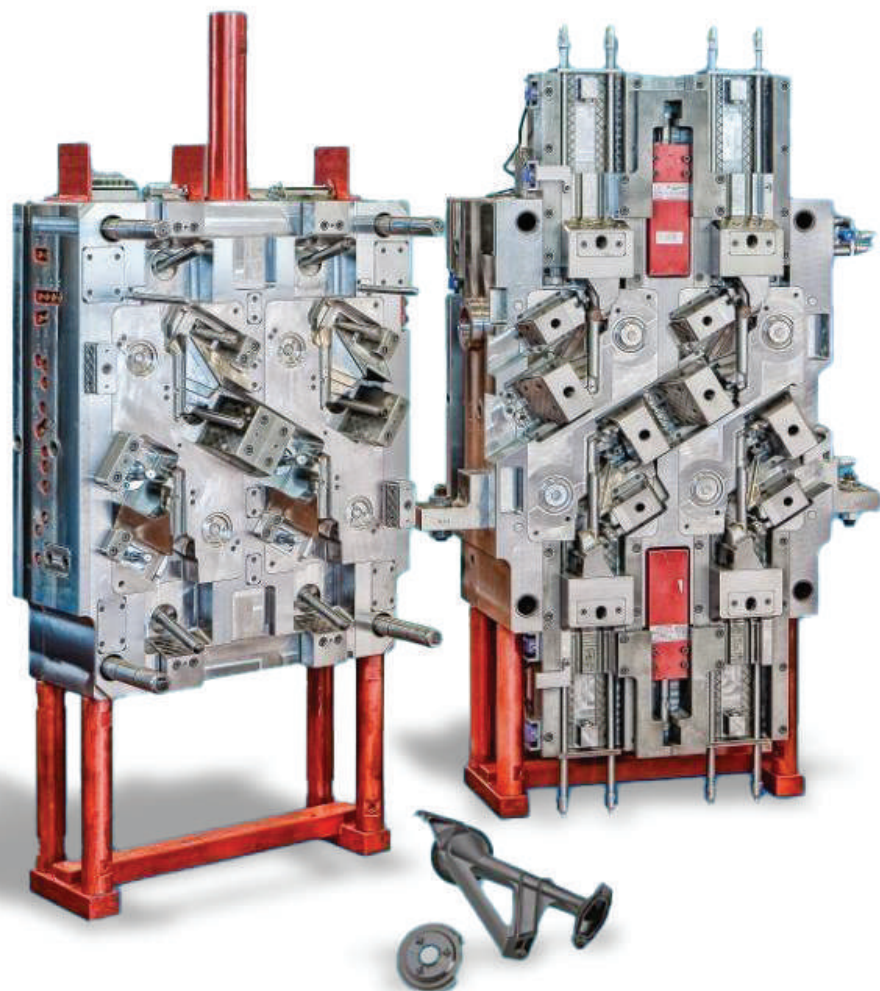
TECHNICAL FILE SENT WITH MOULD - WHICH INCLUDES



- ✓ 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.



MOULD DELIVERED

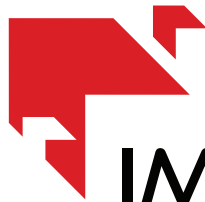


- ✓ **Painted or not according to customer's specifications;**
- ✓ **Stamped with circuits ID's; components ID's; steel quality;**
- ✓ **Plates fixed on both halves with circuits schemes;**
- ✓ **Work flow instructions engraved in fixed plate on operator side;**
- ✓ **Hotrunner ID and connections plates;**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



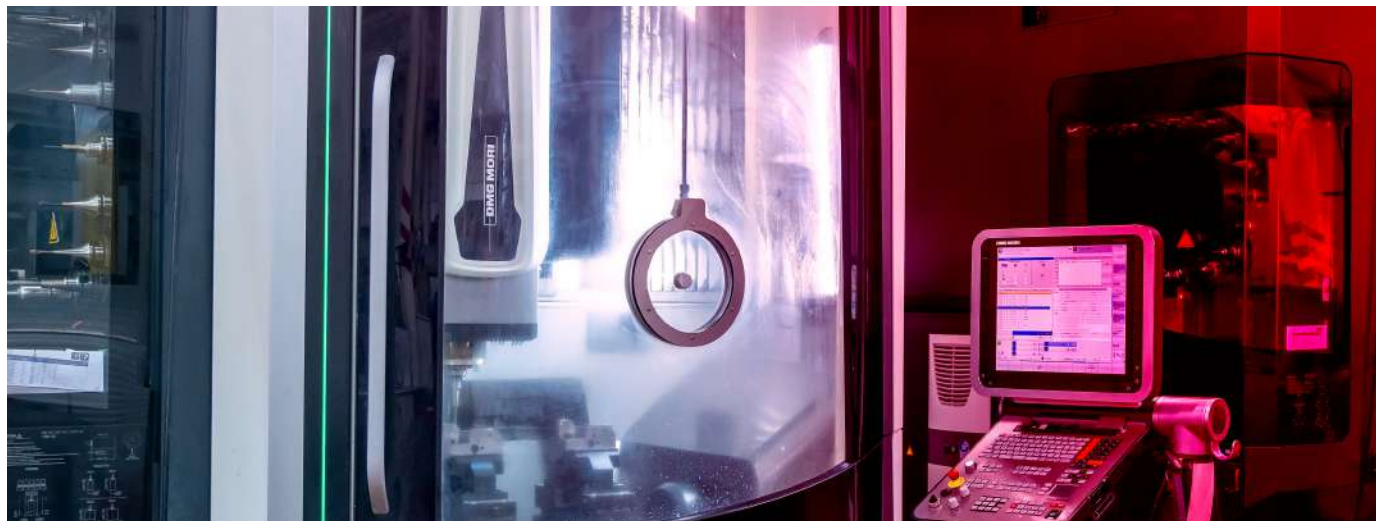
IMOPLASTIC

PRODUCTION
OF MOULDS
UP TO 6 TONS



IMOPLASTIC

MOULDS UP TO 6 TONS



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

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

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

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

DE 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 MILING CENTER	OPS INGERSOLL SPEED HAUWK 550 5 AXES ELECTROD MILLING WITH 154 ELECTRODES	550 X 350 X 250MM
2x	HIGH-SPEED MILING CENTER	DECKEL MAHO DMU95 MONOBLOCK 5 AXIS WORK AREA Ø1040mm 20000RPM	950 X 850 X 650MM
1x	HIGH-SPEED MILING CENTER	DECKEL MAHO DMU75 MONOBLOCK 5 AXIS WORK AREA Ø840mm 20000RPM	750 X 650 X 560MM
1x	ELECTRO-EROSION DRILLING MACHINE	CHARMILLES HD 30CNC	600 X 400 X 250MM
1x	ELECTRO-EROSION MACHINE	SODICK AG80L 32 ELECTRODES	850 X 520 X 420MM
1x	ELECTRO-EROSION MACHINE	INGERSOLL GANTRY 1200 CNC – 50 ELECTRODES	1000 X 1500 X 650MM
1x	ELECTRO-EROSION MACHINE	INGERSOLL GANTRY EAGLE 800 – 84 ELECTRODES	850 X 460 X 500MM
1x	WIRE-EROSION MACHINE	MITSUBICHI MV2400R	600 X 400 X 310MM
1x	3D MEASURING MACHINE	CMM LK ALTERA C 12.09.07	1200 X 900 X 700MM
1x	CMM SYSTEM	POLYWORKS	
1x	SURFACE GRINDING MACHINE	CHEVALIER FSG – 1632ADIII	800 X 400 X 360MM
2x	SURFACE GRINDING MACHINE	CHEVALIER 618 SP	300 X 160 X 300MM
1x	SPOTTING PRESS MACHINE	MILLUTENSIL 123 – 80 Ton	1200 X 1000 X 1190MM



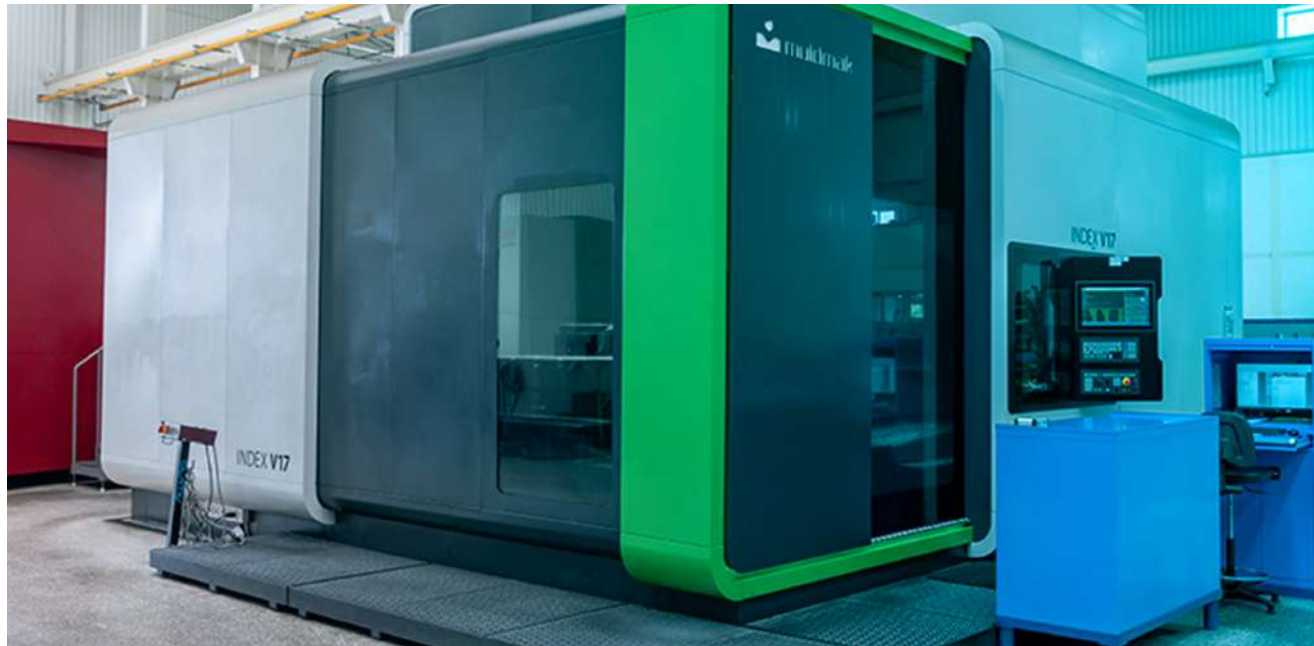
IMODRILL

PRODUCTION
OF MOULDS
UP TO 16 TONS



IMODRILL

MOULDS UP TO 16 TONS



PT 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.

EN 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.

ES 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.

FR 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.

DE 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 (DRILLING)	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	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	
1x	VERTICAL MACHINING CENTER	DOOSAN DNM 650	1270 X 670 X 625MM



GEOCAM

**PRODUCTION
OF MOULDS
UP TO 40 TONS**



GEOCAM

MOULDS UP TO 40 TONS



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

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

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

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

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



11x	CAD POST	TOPSOLID	
1x	INJECTION MOLDING SIMULATION	CADMOULD	
8x	CAM SYSTEMS (MACHINING)	POWERMILL	
3x	CAM SYSTEMS (MACHINING)	POWERINSPECT	
1x	CAM SYSTEMS (DRILLING)	RTM LEMOINE	
1x	CMM	HEXAGON DEA ALPHA	3300 X 2000 X 1500MM
2x	MILLING MACHINE 5X	PROMAC SHARAV GVT	2500 X 4000 X 1200MM
1x	MILLING MACHINE 5X	OMV ROLLER	1200 X 1200 X 1000MM
1x	MILLING CENTER	EUMACH LMB-2000	2200 X 1750 X 750MM
1x	MILLING CENTER	AWEA SP3016	3000 X 1600 X 960MM
2x	MILLING CENTER	AWEA VP2012	2000 X 1200 X 960MM
1x	MILLING MACHINE 5X	MATSUURA MX-520 PC4	680 X 560 X 510MM
1x	MILLING CENTER	AWEA AF1000	1021 X 551 X 636MM
1x	MILLING / DRILLING MACHINE	SORALUCE FL5000	5000 X 1800 X 1200MM
1x	CNC DRILLING MACHINE	CHETO MT2500	2500 X 1200 X 650 X W1550MM

1x	CNC DRILLING MACHINE	HETO 2000 PLUS	2000 X 800 X 850MM
1x	MILLING CENTER	DOOSAN NX5500II	900 X 550 X 500MM
1x	ELECTRO-EROSION	ONA QX10	3000 X 1500 X 1000MM
1x	ELECTRO-EROSION	ONA QX7	1500 X 750 X 650MM
1x	ELECTRO-EROSION	ONA NX4	610 X 413 X 400MM
2x	ROBOT	EROWA COMPACT 80	
1x	SURFACE GRINDING MACHINE	THOMPSON MATRIX	2500 X 770 X 500MM
3x	SURFACE GRINDING MACHINE	CHEVALIER	450 X 200 X 320MM
1x	TESTING MATRIX PRESSER	REIS TUS200	2000 X 2500 X 2700MM
1x	TESTING MATRIX PRESSER	REIS TUS130	1600 X 1300 X 1400MM
1x	STORAGE AUTOMATED CAROUSEL	KARDEX REMSTAR RS650	

A close-up photograph of industrial machinery, likely a hydraulic system. The image shows several blue hydraulic cylinders mounted on a grey metal frame. Blue hoses are connected to the cylinders. The background is blurred, showing more of the machinery and a green light source on the right. The text 'IMOINJECT' is overlaid on the left side of the image.

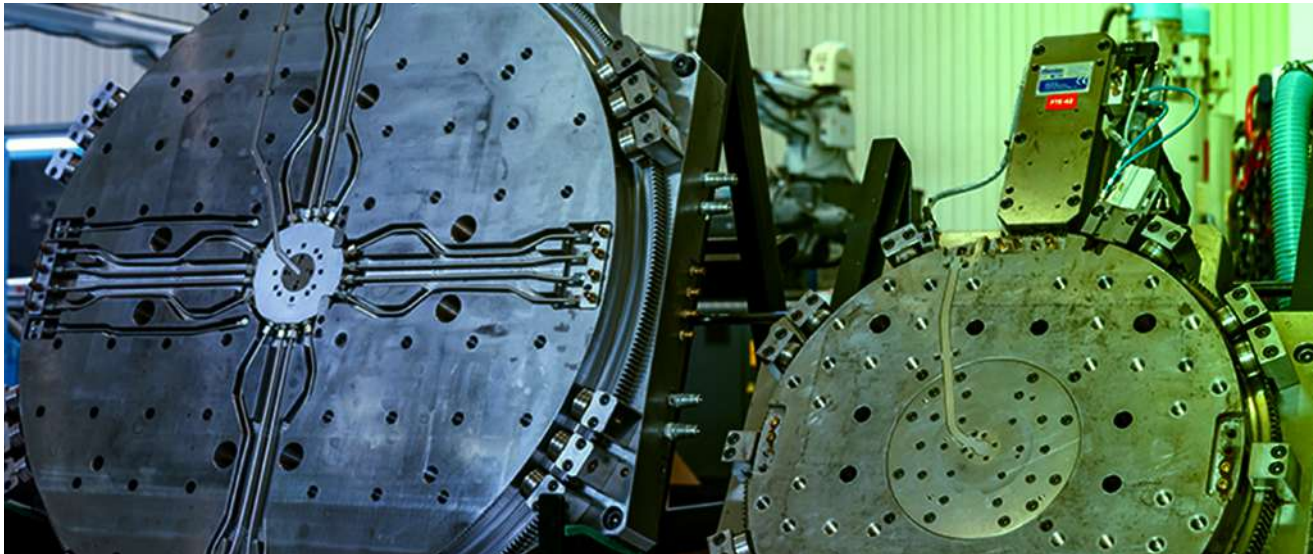
IMOINJECT

PRODUCTION AND
INJECTION OF
THERMOPLASTICS



IMOINJECT

PRODUCTION AND INJECTION OF THERMOPLASTICS



PT 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.

EN 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.

ES 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.

FR Imoinject acommencé 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.

DE 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.



IMO INJECT TOOLROOM



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	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	



IMOIJECT

TOOLROOM

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

IMOMEX

COMMERCIAL
OFFICE IN
MEXICO





IMOMEX

COMMERCIAL OFFICE
IN MEXICO



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

EN 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.

ES 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.

FR 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.

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



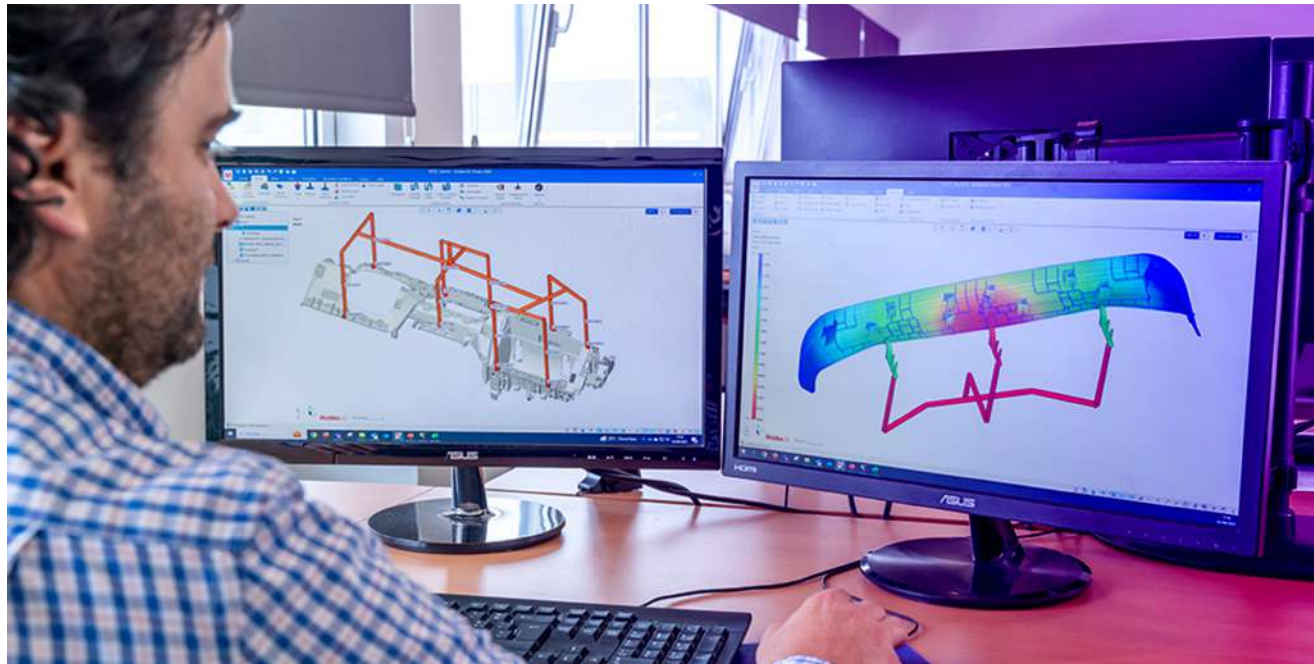
IMOINOV

CUSTOMER
SUPPORT
COMPANY



IMOV

CUSTOMER SUPPORT
COMPANY



PT 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.

EN 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.

ES 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.

FR 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.

DE 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
1x	3D PRINTER	FDM 3D PRINTER (ABS) / MODEL: FORTUS 250MC / BRAND: STRATASYS



VISIT US!

IMOPLASTICGROUP.PT

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*Chamada para a rede fixa nacional - Preço
a pagar de acordo com tarifário do Cliente

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