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AUTOMOTIVE SOLUTIONS

Thermolympic was founded in 1991 but its origins date back to 1971, giving it wide experience in both the field of thermoplastic injection and the design and construction of moulds.

Thermolympic's facilities cover a useful surface area of 6.000 m², including reception warehouse, machine shed, assembly area, workshop and dispatch department.

The design of our products and processes is one of the main generators of added value, not only for our company but also those of our customers.

Thermolympic has its own engineering department that develops our designs using the very latest numerical control technology both for design and manufacture.

CAD/CAM programs allow us to work with all types of 2D and 3D files (IGES, CADD5, DXF, VDA, FS, Unigraphics, Pro-E, Catia, etc.)

In addition, we use mouldflow and process simulation tools.



Thermolympic fue fundada en 1991, aunque tiene sus orígenes en el año 1971. Contando por ello, con una amplia experiencia en el campo de la inyección de termoplásticos, así como en el diseño y construcción de moldes.

Las instalaciones de Thermolympic disponen de más de 6.000 m² de superficie útil, distribuidos en almacén de recepción, sala de máquinas, zona de montajes, taller y expediciones.

El diseño de nuestros productos y procesos es uno de los principales generadores de valor añadido, tanto para nuestra empresa como para nuestros clientes.

Thermolympic cuenta con departamento de ingeniería donde se desarrollan los diseños, utilizando la más alta tecnología de control numérico tanto en diseño, como en ejecución.

Contamos con programas CAD/CAM que nos permiten trabajar con todo tipo de ficheros 2D Y 3D (IGES, CADD5, DXF, VDA, FS, Unigraphics, Pro-E, Catia, etc.)

Así mismo utilizamos mouldflow y herramientas de simulación de procesos.



- Structural Parts and body ○
- Drivetrain ○
- Powertrain ○
- Interior parts ○
- Exterior Parts ○
- Electronics ○
- Vehicles ○
- Auxiliary services ○



PRODUCTS

Thermolympic works with most of the currently existing materials. Our machines have all the necessary peripheral equipment (coolers, dehumidifiers, heaters, hot chamber control and centralized feeding for pellet distribution) required to transform a wide range of materials. Some of the materials with which we work are: ABS, PC, PA6, PA66, PP, PP+additives, POM, PA12, PE, PDT, PPO, TPO, TPU, TPE, PS...

TECHNOLOGY CAPABILITIES

INJECTION

Our range of injection machinery includes 40 ton to 1.000 ton machines with a capacity to produce plastic parts that weigh from 0.5 g to 6.000 g.

PAINTING AND SURFACE FINISHES

Thermolympic has incorporated a pressurised painting booth in its production systems in order to automate the painting process for car components, white line and auxiliary sector and thus contribute to the development of added value for our customers. THERMOLYMPIC also offers paint and chrome finishes by means of installations and participation and co-operation agreements with other companies.

To satisfy our customers' demands, Thermolympic is in the process of incorporating its painting facilities in its ISO TS 16949 "injected and painted plastic parts" certification. This process highlights Thermolympic's vocation to advance alongside our customers' requirements.

PRODUCTOS

Fabricamos todo tipo de piezas por inyección siendo especialistas en Piezas para Panel de Instrumentos, Paneles Puerta, Depósitos, Filtros, Consolas Centrales, maletero, cajas baterías, etc.

CAPACIDADES TECNOLÓGICAS

INYECCIÓN

El parque de maquinaria de inyección abarca máquinas desde 40 tn a 1.000 tn. pudiendo producir piezas desde 0,5 gr hasta 6.000 gr.

PINTURA Y ACABADOS SUPERFICIALES

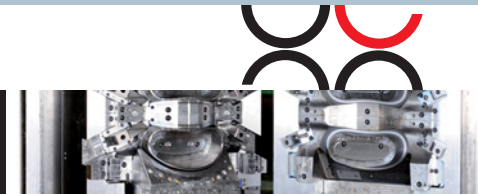
Thermolympic ha incorporado a sus sistemas de producción una cabina presurizada de pintura, con el objetivo de automatizar el pintado de componentes para automóvil, línea blanca y sector auxiliar, para con ello poder contribuir al desarrollo de valor añadido para nuestros clientes.

THERMOLYMPIC también incorpora acabados de pintura y cromados mediante instalación y acuerdos de participación y colaboración con otras empresas.

Para poder satisfacer las demandas de nuestros clientes, Thermolympic dentro del objeto de su certificación ISO TS 16949 "Injected and painted plastic parts" incluye sus instalaciones de pintura.

Este proceso es una clara muestra de la vocación de Thermolympic: avanzar siempre junto con las necesidades de nuestros clientes.

//// TECHNICAL DATA



PRODUCTS From its very beginnings Thermolympic has always had a commitment to export, taking a global approach to the market. The innovative, high-quality design of its products together with their competitive price has always gained them a place amongst the most important clients in the consumer sector. Thermolympic's challenges for the future are clear: to continue consolidating its privileged position in the countries in which we presently have distributors and to promote its position in the newly emerging markets.

MARKETS Countries to which we export: Germany / France / Portugal / Italy / Greece / Russia / Cyprus / Malta / Nigeria / Algeria / Morocco / Belgium / Brazil / Mexico / Argentina / South Africa... etc.

FUNCTIONS IN VEHICLE

- Structural parts and body
- Drivetrain
- Powertrain
- Interior parts
- Exterior parts
- Electronics
- Vehicles
- Auxiliary services

TECHNOLOGIES

- Machining
- Stamping
- Forging
- Mechanical union
- Injection
- Bending
- Casting
- Surface finishing
- Welding
- Heat treatment
- Serigraphy and tampography: industrial