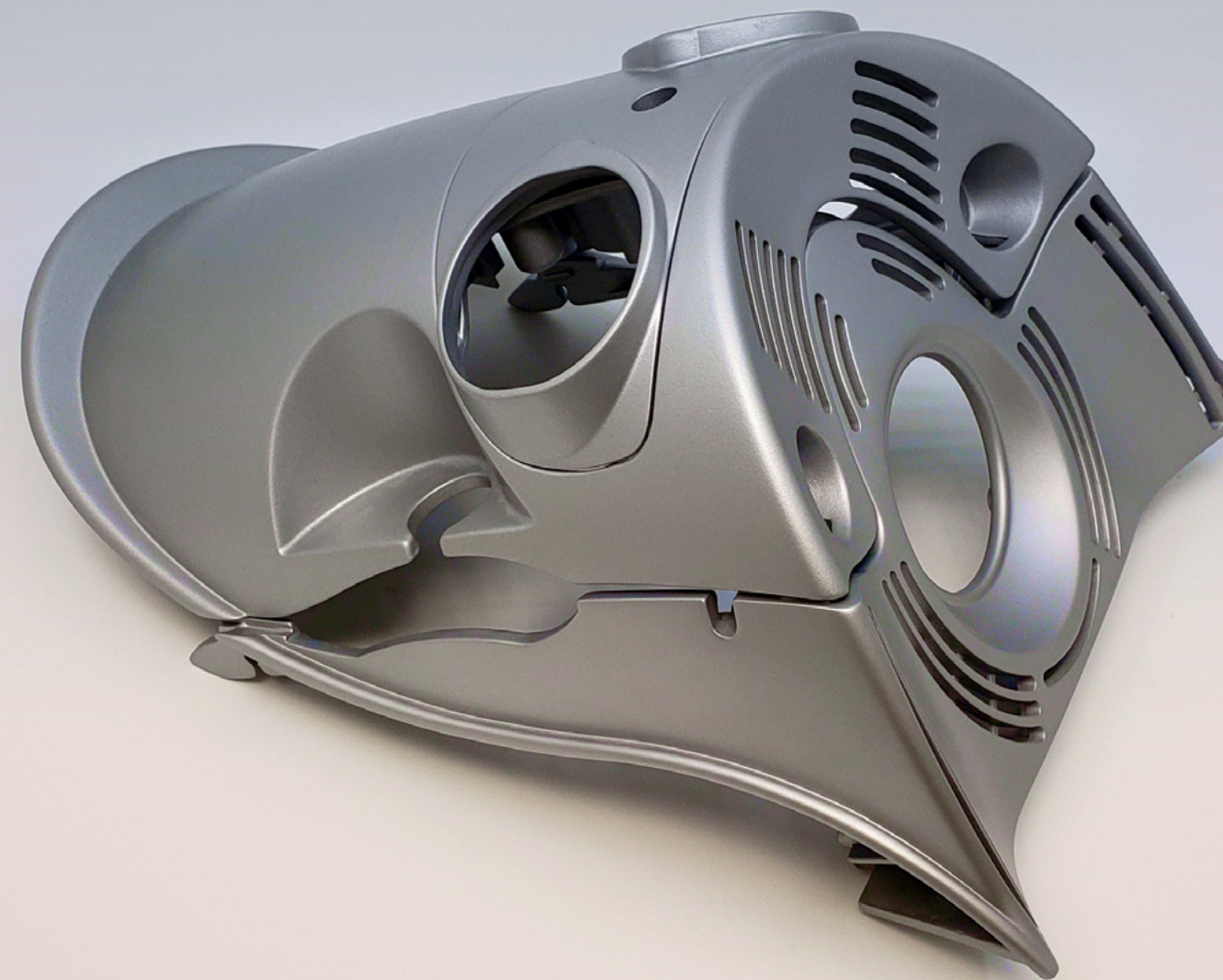




**DORVAL**TECHNOLOGIES



## TURNKEY INDUSTRIAL SOLUTIONS

Dorval Technologies provides a range of turnkey industrial solutions. Whether it is a question of concept, prototype, tooling or mass production, we can handle the process as smoothly as the direct continuation of your R&D department.

We turn your product concepts into functional prototypes with perfect visual accuracy. Upon request and approval, we will bring your vision into production.

We manufacture molds and parts based on a wide range of materials: ferrous and non-ferrous metals, thermoplastics, wood, and composites.

# SPORT EQUIPMENT

# HOUSEHOLD APPLIANCES

# ELECTROMECHANICAL

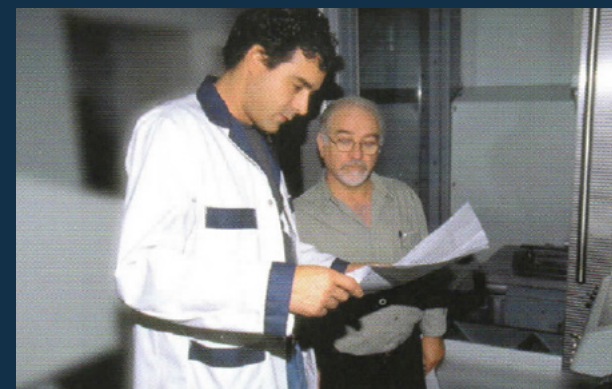
# ELECTRONICS

# MEDICAL

# OPTICS

# AEROSPACE

# DEFENSE



## SATISFIED CLIENTS FROM 1984

Dorval Technologies has been founded by Joseph Cassis Franco Fratarcangeli, both mold makers and machinists with more than thirty years of experience. Since its creation, the firm has been providing precision casting and tooling solutions. Then, due to the high industry demand for rapid tooling and prototyping, Dorval Technologies specialized in "turnkey" services.

Our loyal customers in the aerospace, automotive, defense, and energy sectors can attest to the rigor and quality of Dorval Technologies services.





## EXPERTISES THAT DRIVE SUCCESS



### Rapid prototyping

BOOSTED PRODUCT DEVELOPMENT CYCLE



### Machining and tooling

75+ YEARS EXPERIENCE IN MOLDS AND TOOLING



### Plastics & composites

EXPERTISE WITH A WIDE RANGE OF PROCESSES



### High-fidelity prototyping

PROTOTYPES AS ACCURATE AS PRODUCTION PARTS



### Research and Development

FROM NEW CONCEPTS TO PRODUCTION

## TO OUR CUSTOMERS

If you walk in our doors with a concept, we'll turn it into a product. We want every step in your project's critical path to be exciting, enjoyable, and seamless.

Dorval Technologies is your turnkey manufacturing solution set. We'll bring value to your process, applying our expertise and an array of skills rarely found under one roof.



# SERVICES THAT BRING PRODUCTS TO LIFE

## Rapid prototyping

- # 3D PRINTING (FDM)
- # STEREOLITHOGRAPHY (SLA)
- # SILICON MOLDING

## Plastic & composite reinforced parts

- # INJECTION MOLDING
- # CONTACT / VACCUM BAG / AUTOCLAVE / INFUSION MOLDING
- # THERMOFORMING

## Machining and tooling

- # CNC MACHINING
- # FOUNDRY TOOLING
- # INJECTION MOULDS
- # CASTING / PROGRESSIVE DIE
- # PRODUCTION TOOLING

## High-fidelity prototyping

- # PRE-PRODUCTION MANUFACTURING
- # STYLE AND FUNCTIONAL MOCKUPS
- # TEST PARTS
- # LOW PRODUCTION RUN

## Finishing and Quality Control

- # HIGH-PRECISION MEASURING
- # FINISHING
- # PACKING



## R&D CAPABILITIES

The Dorval Technologies design team is ready to dive in when most needed : we can design your program, churn out concept sketches and renderings, and generate NURBS-based solid or surface models.

Bring your latest, greatest idea and we will tackle the industrial design, handle the mechanical engineering, create the production drawings, design the packaging and promotional materials, and follow the project through every phase of the timeline, the Bill of Materials, the testing, and the tooling.

Within the whirlwind atmosphere of our R&D studios, our gifted associates have created medical devices, appliances, recreational products, water delivery

systems, sporting goods, and toys and games.

Products executed by our designers have sold in the millions of units. Our designers are named as inventors on dozens of patent applications and granted patents.

We have worked with a wealth of manufacturing materials; foamed and rigid plastics, cast metals, stamped metals, and deep drawn steel. Our team has signed off on hundreds of injection molds, casting dies, and progressive die series. We've designed innumerable assemblies, and specified countless finishes and finishing operations .



# A STRATEGIC ALLIANCE TO LEAPFROG THE COMPETITION

Dorval Technologies partners up with ONMOTIO to offer a wide range of services and take advantage of a specialized expertise in industrial design, engineering and marketing support.

ONMOTIO is an Industrial Design and Product Development agency focusing on the Transportation and Consumer Products Industries.



ONMOTIO provides creative concepts, product development services, and engineering solutions for all sized businesses. Its clients stay competitive, generate more economic value, and positive brand image through their products - [onmotio.com](https://onmotio.com)



## Industrial Design

- # CONCEPT DESIGN
- # PRODUCT RESTYLE AND REVAMP
- # USER CENTERED PRODUCT DESIGN
- # UX/UI

## Strategy

- # DESIGN PROCESS IMPLEMENTATION
- # MARKET STUDY AND ALIGNMENT
- # MANUFACTURING STRATEGY

## Engineering and Mechanical Design

- # SINGLE PART TO WORK PACK DESIGN
- # STRUCTURE AND MECHANICAL ANALYSIS
- # VIRTUAL REALITY ASSISTED PRODUCT DEVELOPMENT
- # TOOL DESIGN

## Marketing support

- # 3D RENDERING AND ANIMATIONS
- # GRAPHIC DESIGN AND PRINT
- # VIRTUAL REALITY

# CONTACT US

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