

feltrin+masarin

Issue 2021

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# What are the most common problems during product development?

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- Limited skills in development

- Long timelines

- Inefficient investment in prototyping

- Investment in dedicated production lines

- Budget for new product



# The Solution of feltrin+masarin

Create your own turnkey product

Engineering

Prototyping

Production

Packaging  
for the final point of sale

TOTAL DESIGN

ADVANTAGES

MATERIALS

FINISHES

DIVISIONS

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# The Advantages of feltrin+masarin

The partner you can outsource your next project to

EXCELLENT  
design  
skills

INVESTMENTS  
in physical assets  
in line with sales  
expectations

EXPERIENCE  
in several  
sectors

70  
high technology  
machines

REFERENCE  
point and project  
manager in one

TOTAL DESIGN

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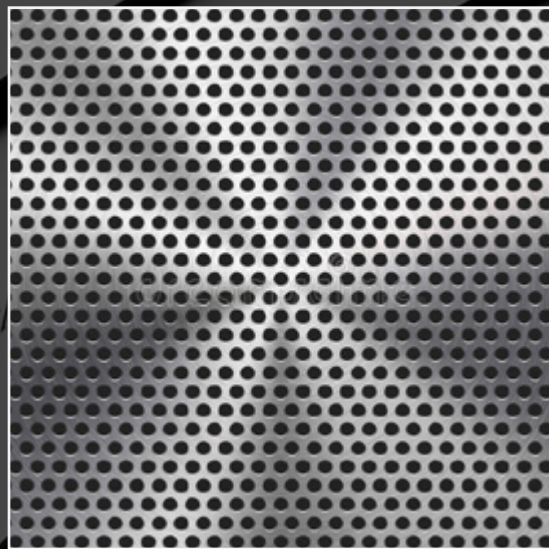


# The materials of feltrin+masarin

This is our universe



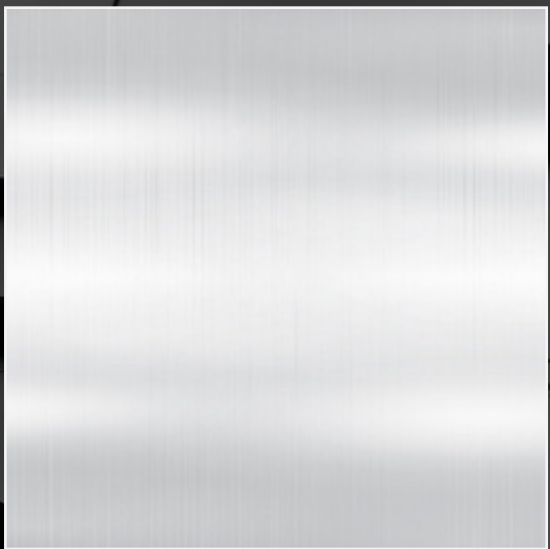
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Sheet metal



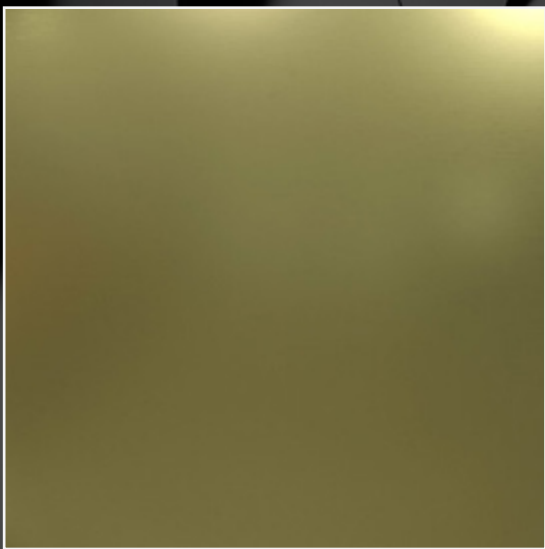
Iron



Steel



Aluminium



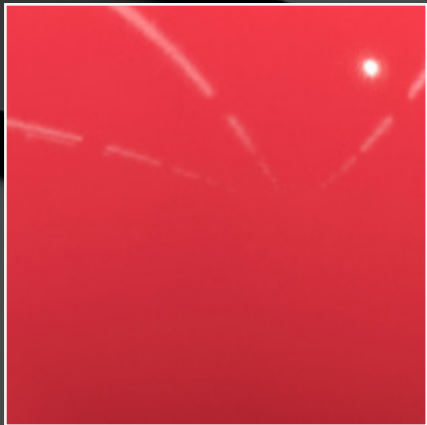
Brass



Wood



Glass



Plastic



Mdf

TOTAL DESIGN

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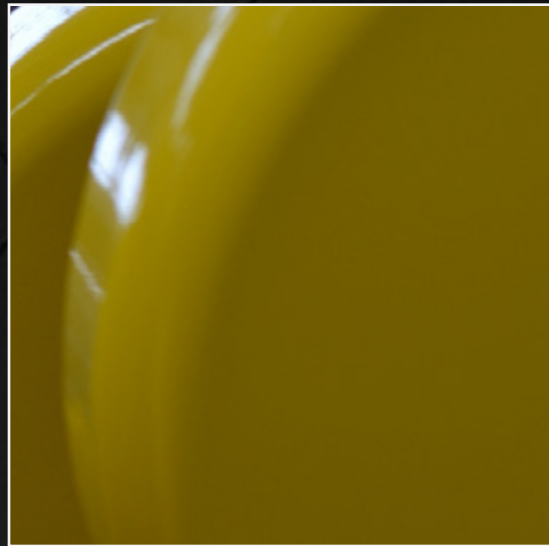


# The finishes of feltrin+masarin

This is our style



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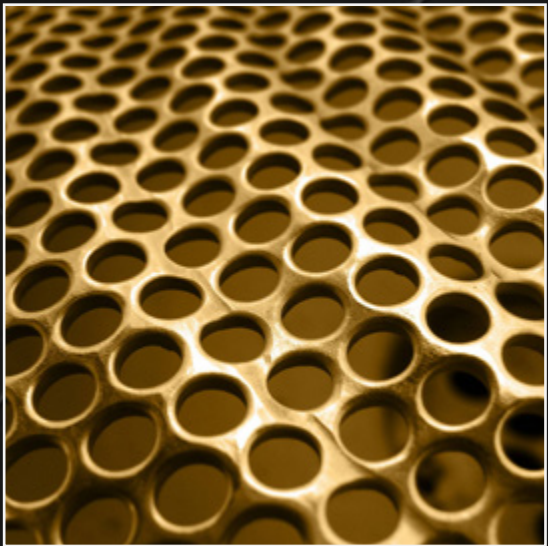
Varnishing  
indoor/outdoor



Anodising



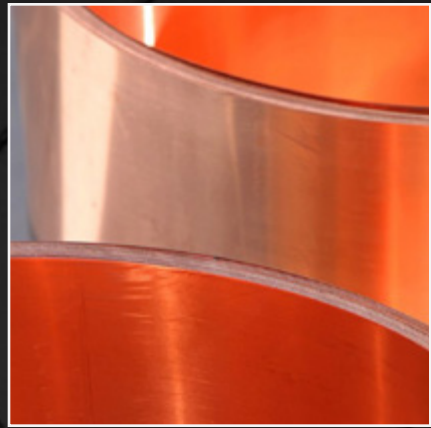
Galvanic



Gilding



Chrome plating



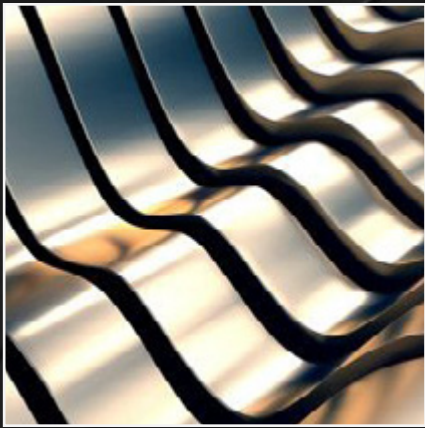
Coppering



Textile



PVD



Special finishes

TOTAL DESIGN

ADVANTAGES

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# The divisions of feltrin+masarin

Three teams to suit your needs

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f+ m lab  
f+ m factory



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TOTAL DESIGN

ADVANTAGES

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# The Solution of feltrin+masarin

## Designing together

— Simultaneously supporting the customer's both technical and purchasing departments, in order to achieve quality and cost targets from the early stages of the product engineering phase

— 40 years of experience in mechanical engineering, combined with the most modern tools of three-dimensional parametric design software

— Ability to interface directly with the design studio/designer and to understand their needs from the technical point of view

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# The Solution of feltrin+masarin

## Prototyping ideas

the quality of the project is enhanced with great attention to details.

the prototype is created quickly with production volumes in mind.

Jigs and manufacturing processes are designed with a focus on assembly and component handling costs

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f+m lab



# The Solution of feltrin+masarin

## Turnkey production

### Internal manufacturing processes

- 2D and 3D profile cutting
- 3D pipe bending
- Wire bending
- Robotized welding
- 5 axis cnc milling
- Assembly
- Packaging

### Manufacturing with partners

- Aluminium extrusion
- Plastic injection
- Stamping and casting
- Galvanic finishing
- Varnishing
- Polishing and Finishing
- Glass cutting and machining
- Wood and textiles

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# The Solution of feltrin+masarin

## Our headquarters



7000 mq  
production area

31  
employees

131 KW  
generated by the photovoltaic  
system, which covers the  
company's entire energy  
requirements.

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# The Solution of feltrin+masarin

## Case studies

### Description

Collection of chairs and tables

### Problem

Obtaining the weld of the rod in a non-visible manner, introducing a high degree of modularity throughout the entire collection

### Solution

Spot welding and custom machine construction

### Highlights

Year	Area	Client
2005	Home furnishing	Arper
Volumes	Materials	
3000 unit/year	Round drawn steel	



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Leaf



# The Solution of feltrin+masarin

## Case studies

### Description

Door for partition wall

### Problem

Glass fastening with structural double-sided adhesive tape and optimisation of the door handle design in order to conceal the sealing elements.

### Solution

3M certification and advanced 5-axis CNC machining

### Highlights

<b>Year</b>	<b>Area</b>
2016	Office furniture

<b>Volumes</b>	<b>Materials</b>
4200 unit/order	Steel Glass



Office Doors



# The Solution of feltrin+masarin

## Case studies

### Description

Pendant chandelier

### Problem

development, without visible fasteners and with the utmost respect for the design concept.

### Solution

Study of specially turned profiles

### Highlights

Years  
2011

Area  
Lighting

Client  
Barovier&Toso

Volumes  
220  
unit/year

Materials  
Steel



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Colimaçon

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# The Solution of feltrin+masarin

## Case studies

### Description

Train overhead compartment

### Problem

Achieving high production volumes,  
in accordance with strict supply specifications

### Solution

Obtaining Certification  
State Railways

### Highlights

Year	Area
2001	Railway

Volumes	Materials
3000 unit/year	Steel Glass



Luggage for high-speed trains

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# The Solution of feltrin+masarin

## Case studies

### Description

Flexible stool

### Problem

Development of the new system of continuous helical bending with variable pitch and radius of curvature of the stainless steel tube that forms the seat and footrest

### Solution

Study and implementation of custom machinery

### Highlights

<b>Year</b>	<b>Area</b>	<b>Client</b>
2006	Home furnishing	Driade
<b>Volumes</b>	<b>Materials</b>	
1000 unit/year	Steel	



Screw

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# The Solution of feltrin+masarin

## Case studies

### Description

Frames for seating collection

### Problem

Relevant volumes

### Solution

Lean production development  
and implementation

### Highlights

Year	Area	Client
2007	Office furniture	Kastel

Volumes	Materials
80000 unit/year	Steel



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Kicca



# The Solution of feltrin+masarin

## Case studies

### Description

Patient bed made with air-moulding  
air-moulding technology

### Problem

Introduction of functional solutions that  
maximise the medical quality of the device.  
of the device

### Solution

Specially designed working islands to maximise  
the quality management system

### Highlights

Year	Area
1997	Medical

Volumes	Materials
2000 pz/anno	Steel
	Plastic
	Various
	components



Airstream

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# The Solution of feltrin+masarin

## Our team and assets

— Creativity  
and Italian care for  
two generations

— Technology  
and precision

— District  
reliable  
and capable



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# The Solution of feltrin+masarin

## A long-standing partnership

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### Partners



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1981  
foundation  
and first product

1993  
1<sup>st</sup> expansion  
of the headquarter

2001  
2<sup>nd</sup> expansion  
of the headquarter

2010  
3<sup>rd</sup> expansion  
of the headquarter

2015  
4<sup>th</sup> expansion  
of the headquarter

2021



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