

CARS

TECHNOLOGY JP SA



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COMPANY

Cars Technology has more than forty years of experience in the automotive field.

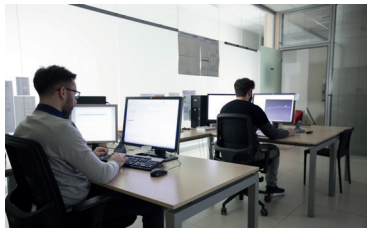
In the past few years the company has been making constant changes necessary to respond efficiently to the ever growing international market. This ensures a complete service to the customer, from co-design to turnkey piece.

Our company also collaborates with important companies in the household appliances sector.





CONCEPTION



- Product (CATIA 5, Unigrahpic)
- Rapid Prototyping 3D
- Molds
- Analyses and Simulations

REALIZATION



- Tool construction plastic injection / aluminium die-casting
- Tool optimization
- Molding process development
- Industrialization

PRODUCTION



- Stable series production molding (1/2/3 K and gas assistet injection)
- Welding

ASSEMBLY



- Welding
- Glueing
- Assembly and Q Gate



ENGINEERING

We are able to develop the project in complete autonomy with a full co-design and molds injection for support to the customer, with specialization in:

- Exterior trims;
- Interior trims;

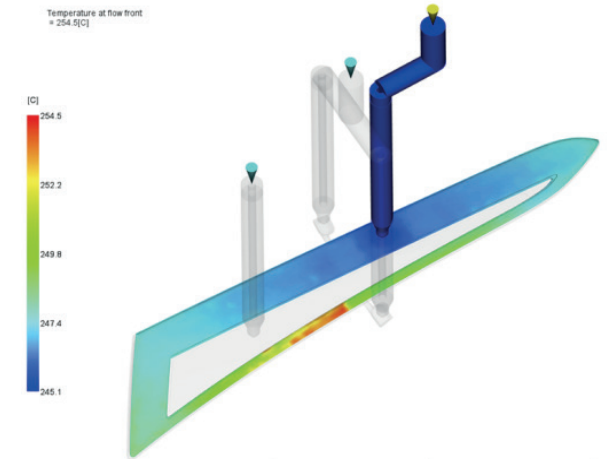
The technical department uses the latest generation software, including: Unigraphics, Catia V5.

Our experience also allows us to support our customers in Moldflow simulations.

Timing is as important as the idea.

In the competitive field of automotive products, our ability to print in 3D accelerates and improves the design phase and collaboration.

Moreover, it reduces time to market and allows us to perform thorough checks and to proceed safely with the next production phase.

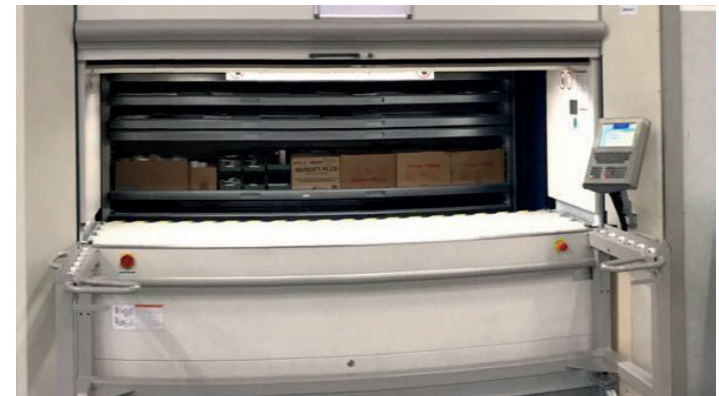




TOOLSHOP

We possess the most advanced processing technologies, projecting the company towards 4.0 Industry.

All departments are provided with monitors, both for the management of interactive loads and for the work stations to make assembly quick and precise thanks to 3D programs use.





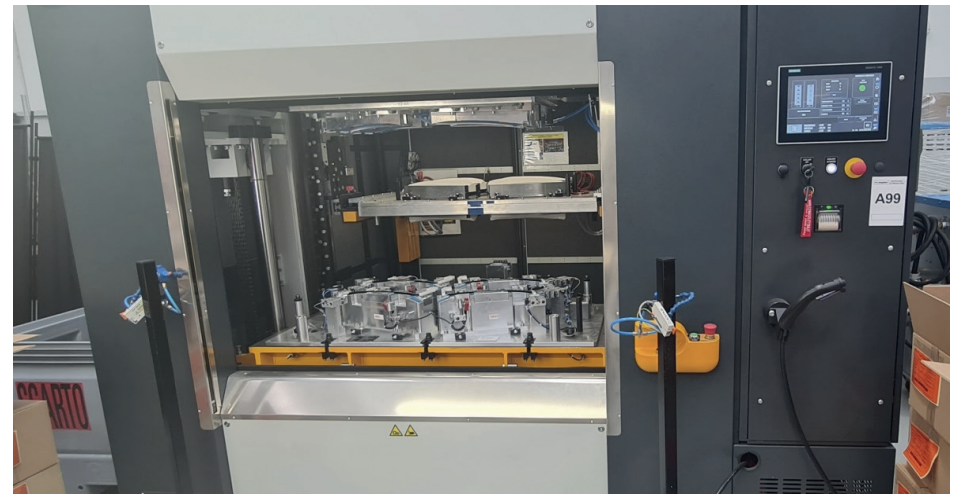
PRODUCTION

We are specialized in the production of plastic components for the automotive field.

We have 11 latest generation fully automated injection molding machines, equipped with gas-assisted molding and 2K/3K components.

The system/production and presses are managed with interactive panels and software, that allows us to control product performance and ensure traceability.

Inside our company also we have a machine that combines two of the most complex welding technologies, vibration / infrared.

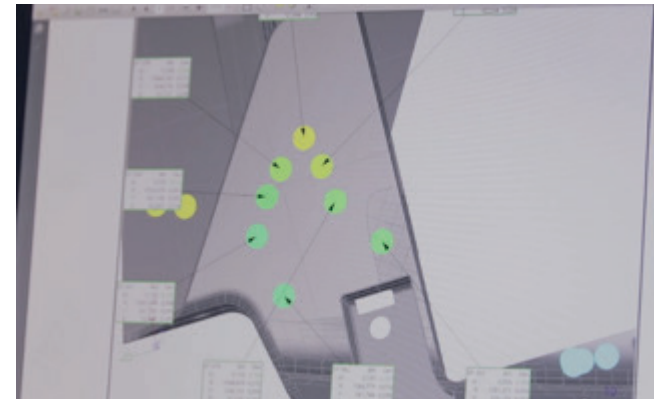




PRODUCTION

Our company is focused on the needs of its customers.
This is why we implement quality controls using sophisticated machinery, such as:

Three Dimensional control



Storage



Gauge



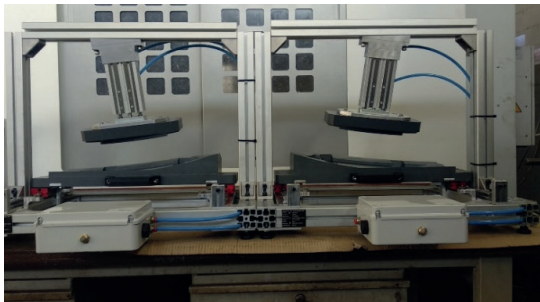


ASSEMBLY



We created an assembly area with workbenches designed and built based on our experience to provide full safety for the process.

Each work station features ventilation/suction systems, woud lamps, processing area and more.

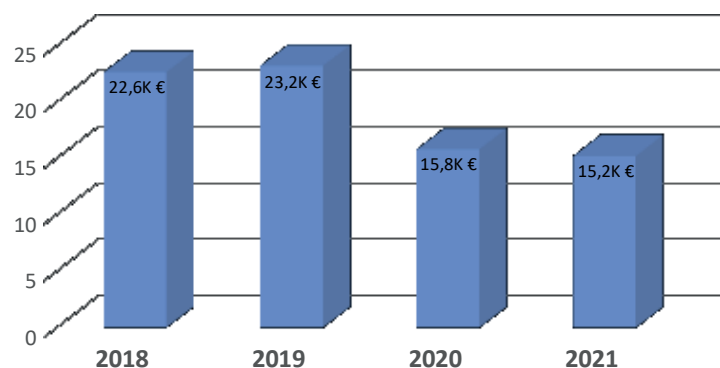




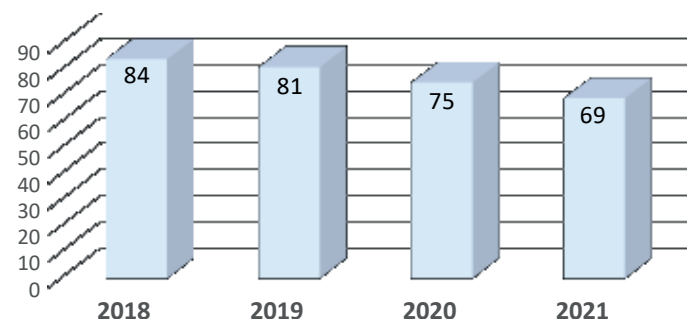
TURNOVER

Our company has made constant changes and significant investments to meet the growing demands of the international market: Investment of the last 3 years: **€ 1,8 mio**

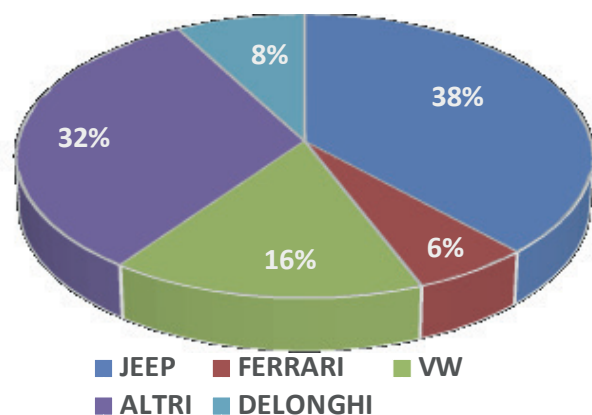
Turnover in Mio €



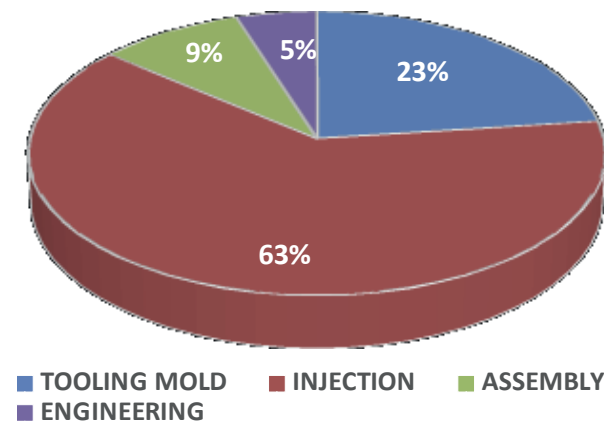
Employees



TURNOVER BREAKDOWN



CORE BUSINESS





CERTIFICATE



COMING SOON



COMING SOON



INNOVATION

Roof Cover



OLD SOLUTION 3K (PMMA+ABS+TPE)

TPE chemical bond only with ABS+TPE

NEW SOLUTION 2K

Chemical bond between (PMMA+TPE)

GOAL: Weight reduction and space optimization

Tail gate cover strip



First particular 2k in PMMA present in the automotive sector with these characteristics / dimensions

GOAL: introduction of reflector and new design on the market

Roof Spoiler



OLD SOLUTION: particular produced in PUR/RIM

NEW SOLUTION: particular product with gas assisted injection

GOAL: Cost and weight reduction

Handle inner door



OLD SOLUTION: 2 parts welded with hotplate welding

NEW SOLUTION: particular product with gas assisted injection

GOAL: Cost reduction



OUR PRODUCTION

INTERNAL TRIM

- A pillar trim
- B pillar trim
- C pillar trim
- Center console cover display screen
- Instrument cluster trim panel
- Trim central console
- Air duct parts
- Dashboard air vent trim
- Glove box mouldings cover trim
- Rear inner side trim panels
- Rear cover interior trim
- Front and Rear Door sill scuff plate trim cover
- Rear outer bumper protector trim door sill scuff cover plate
- Plastic cover inner car trunk





OUR PRODUCTION



EXTERNAL TRIM

Rear Spoiler
Roof Bar
Roof Spoiler
CW Spoiler
A/B/C Pillar
Handle Bar
Mirror Cab
Front.- / Side.- / Rear.- Grill
External Cover
Wheel Arch Trims
Rocker Panel
Door Trims Exterieur



HIGH PRODUCTION

Roof cover sport : PP
Roof Cover front : PP
Roof cover central : PP
Roof cover rear : PP
Cover roof Bar front : ASA
Cover roof Bar rear : ASA
Reinf. roof Bar front 2K: PBT PPET + TPV
Reinf. roof Bar rear 2K : PBT PET + TPV
Cover caps Bar : ABS
Guide bush : POM
2 different Clip: POM

Roof Bar



JEEP RENEGADE

12 products managed
SOP from 2015
Max volume per year 210.000
Produced more than 1.000.000 cars

B Blende in 2K:
PMMA+ABS

A Blende in 2K:
PMMA+TPE

Blende 2K :
PMMA (White / black)
Housing 3k :
PMMA (White / black) + TPE



ID BUZZ

6 products managed
SOP from 2022
Max estimated volue per year 120.000
Lifetime 10 year

Blende 2K:
PMMA (White / black)
Housing :
ABS



COSTUMER REFERENCE



Audi

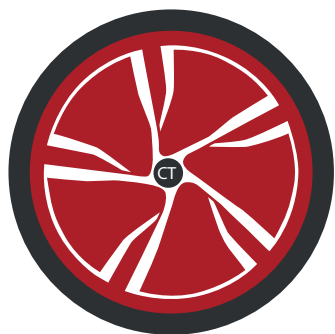


BENTLEY



Jeep





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