

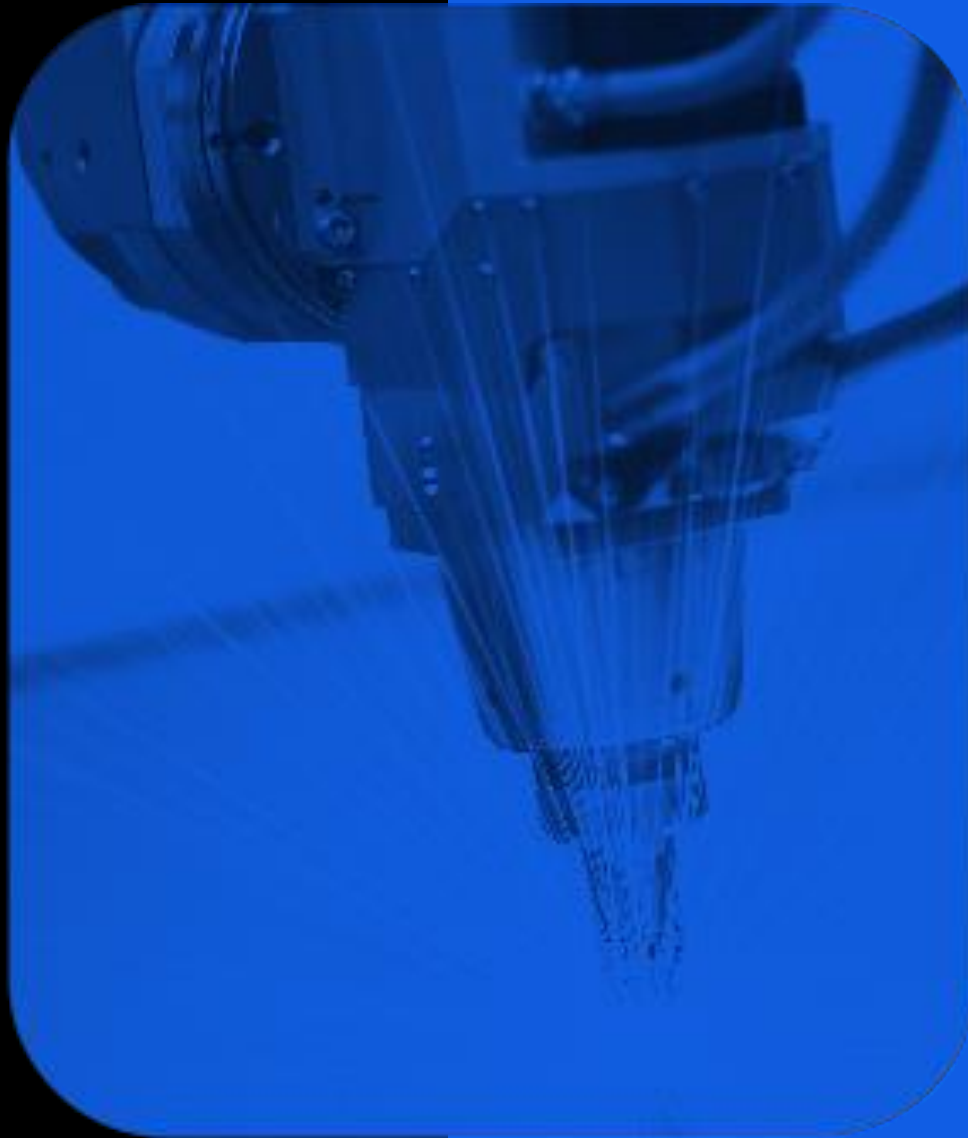



Your leading light

EDAETECH

Your leading light

**We combine several fields
of expertise to conceive,
develop and manufacture
complex products, swiftly
and in-house.**





20+ years

We do it well, we do it better every time – with a buildup of knowledge and experience since 2002, so as to satisfy and produce with quality.

We've collaborated on projects on a global level, on over 4 continents.

ISO 9001

EN 9100

What we do



Innovation

Our continuous innovation culture allows us to keep delivering new results by taking new paths.



Manufacturing

Our manufacturing processes are broad and advanced, the pillars to our field of work.



Engineering

Engineering is at the heart of Edaetech, and from here stem solutions and methods that are tailored to each project.



Automotive

- Prototypes
- Mini series
- Innovative processes

For the main manufacturers and big Tier-1 companies, we supply parts and subassemblies for all kinds of passenger cars and heavy vehicles, and attend to the demands of luxury models.



General manufacturing

Design, fabrication and innovation of machinery and equipment for multiples purposes such as agriculture.

And more

Our methodology aims to obtain the greatest possible number of metal forming processes.

Advanced metrology

Simulation

PPAP

Advanced modeling

3D printing

CATIA

Sheet metal

Welding

Deep drawing

Aerospace

Innovation

Automotive

Stamping

SMALL SERIES

Assemblies

Engineering

Tooling

ISO 9001

Research & Development

2D/3D laser cutting

HOT FORMING

EN 9100

Machined parts

Tailored machines

Laser welding

Deep Drawing

Laser cutting | Stamping



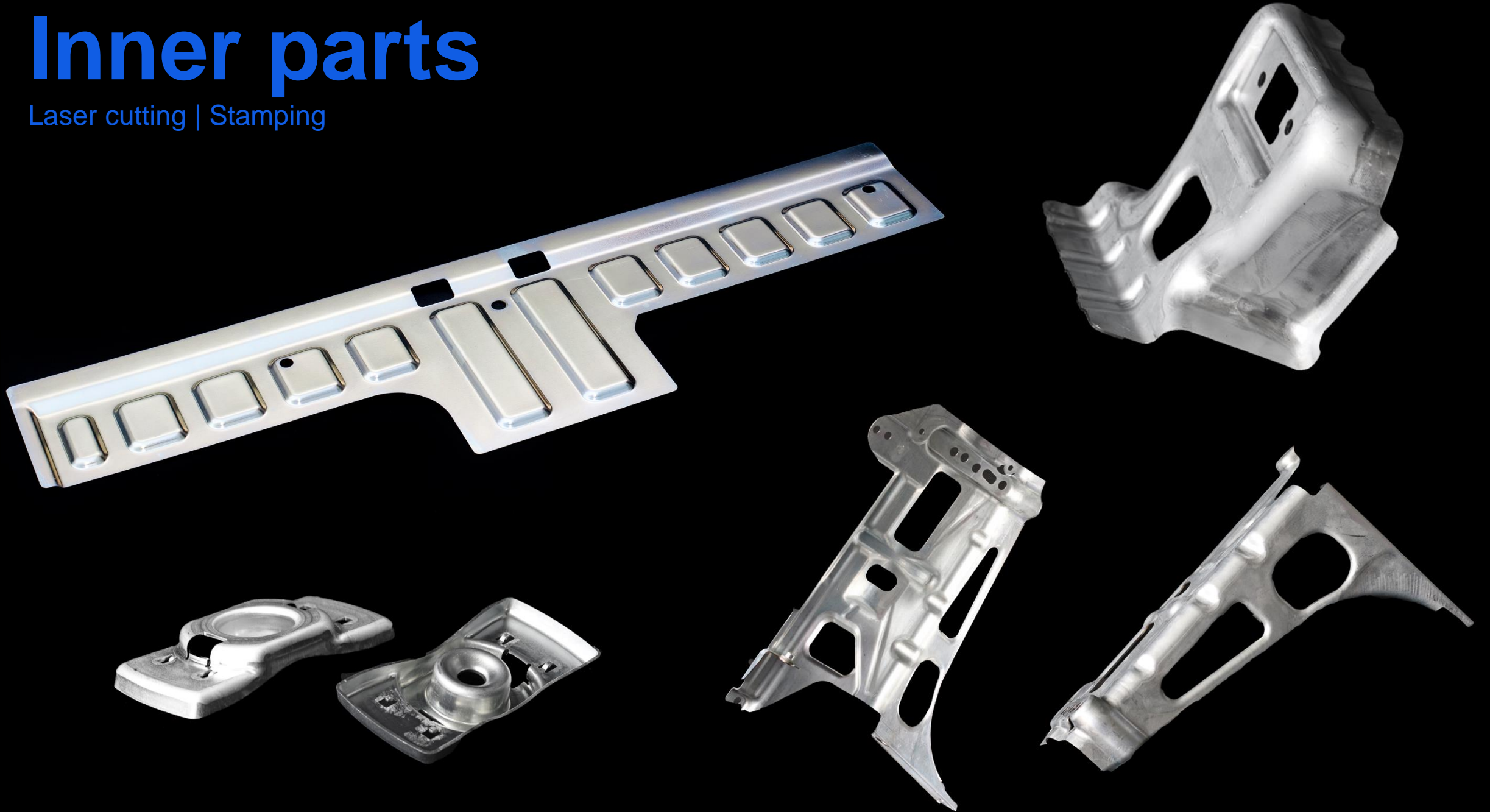
Air bag

Laser cutting | Stamping | Welding



Inner parts

Laser cutting | Stamping



Inner parts

Laser cutting | Stamping



Electronics

Laser cutting | Stamping | Welding



Seats

Laser cutting | Stamping | Welding



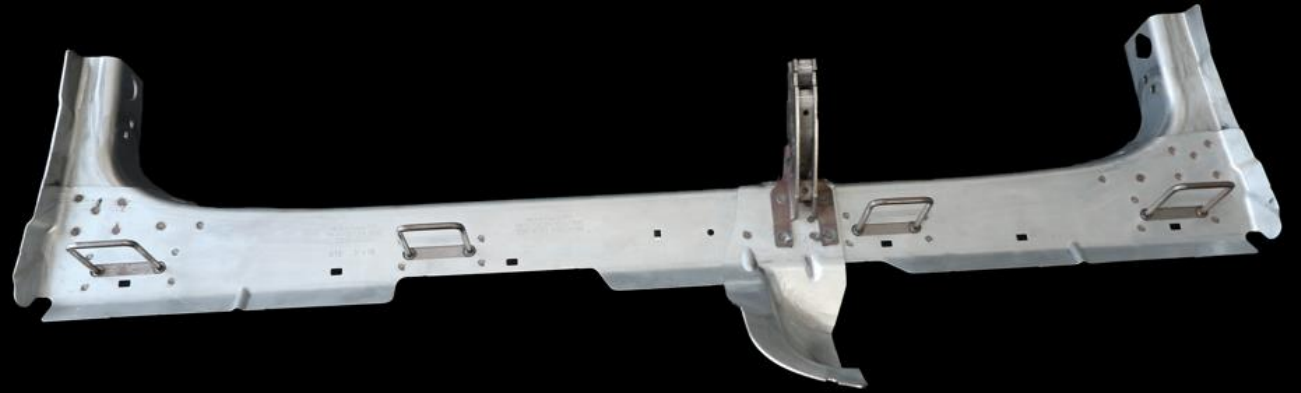
Steering Adjustment

Laser cutting | Stamping | Assembling



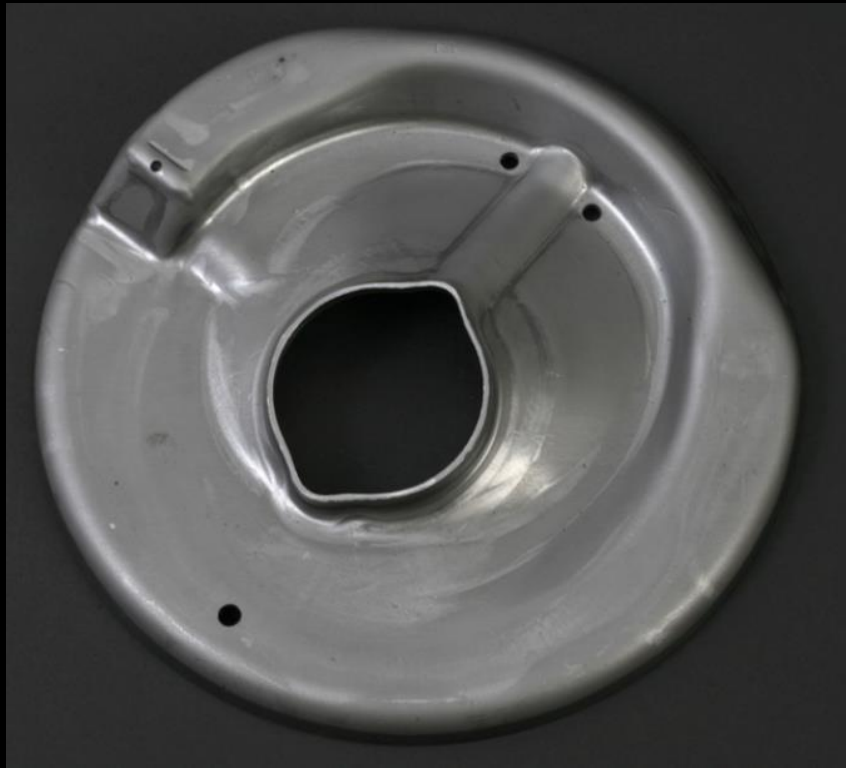
Sub-Frames

Laser cutting | Stamping | Welding



Suspension

Laser cutting | Stamping | Welding



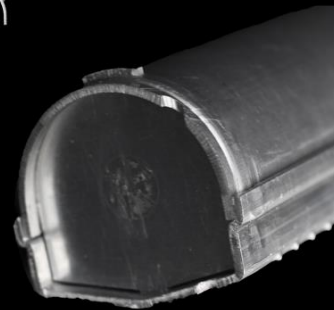
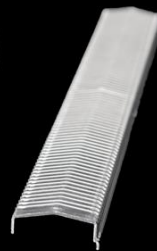
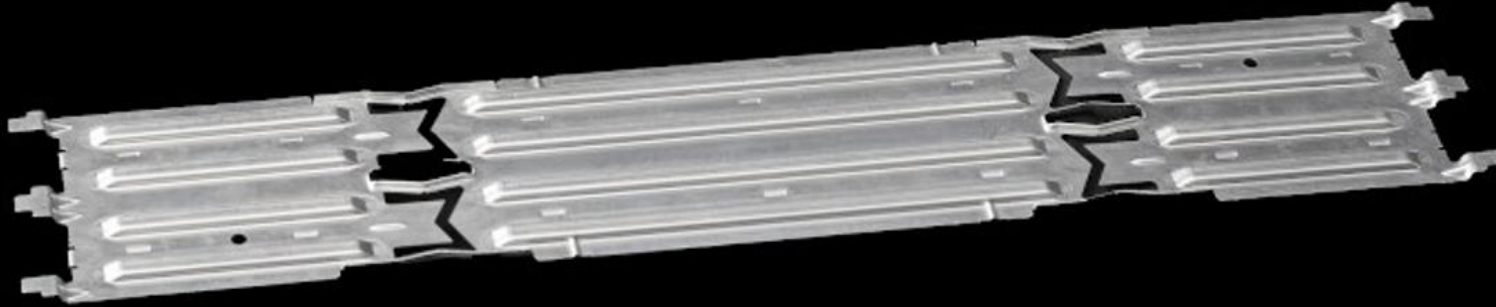
Cross car beam / Dash Board

Laser cutting | Stamping | Welding | Assembling



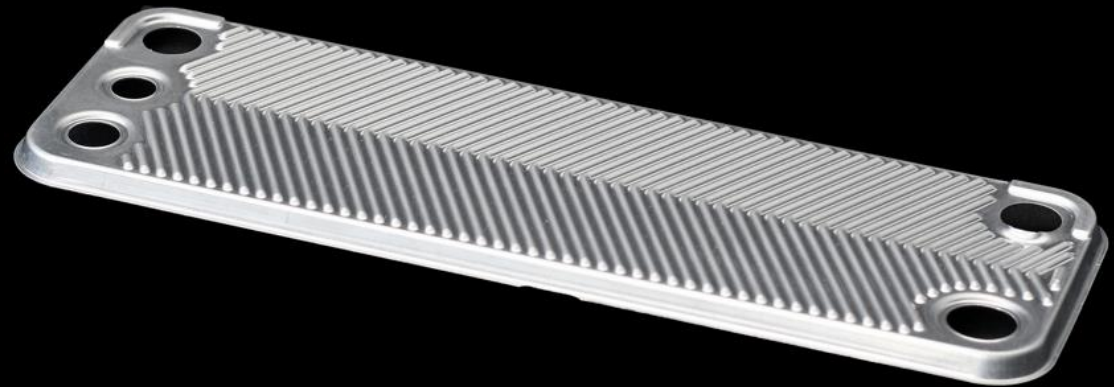
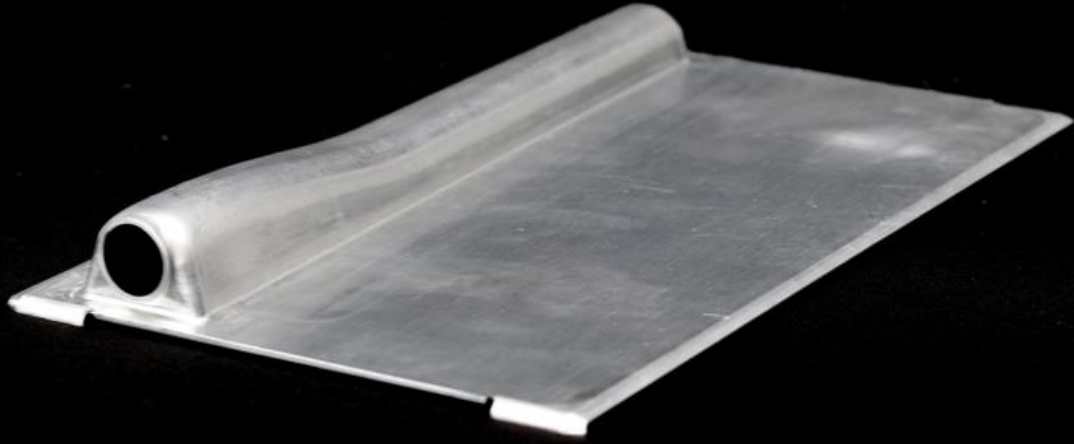
Thermal systems

Laser cutting | Stamping



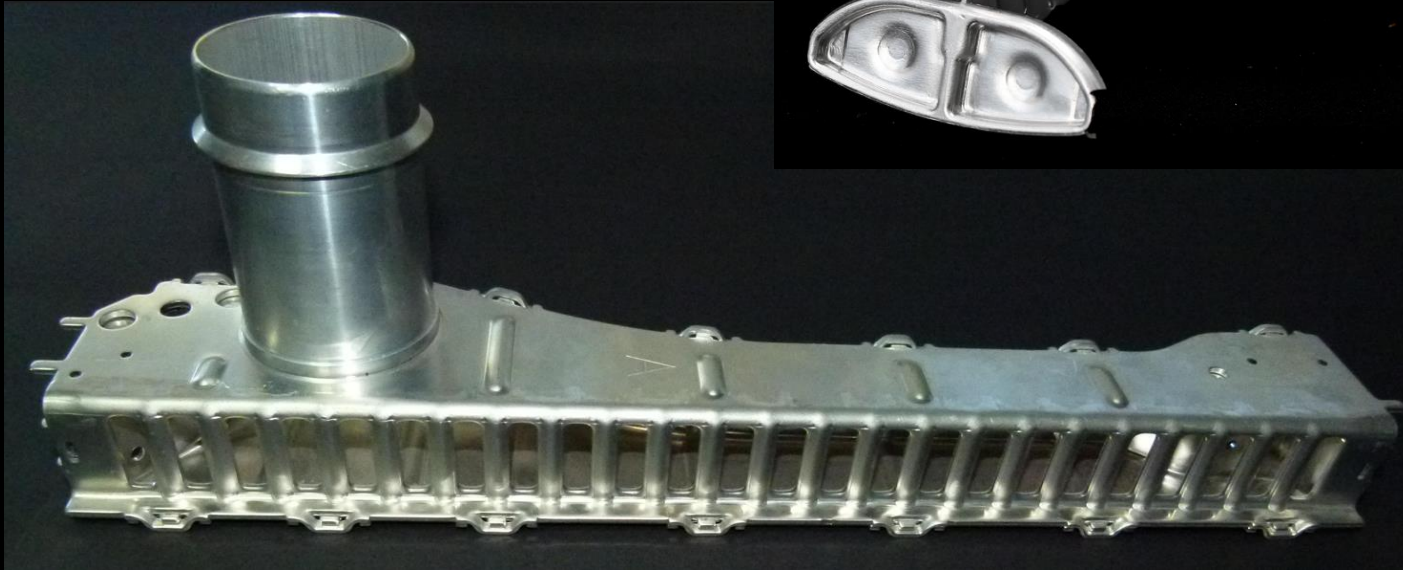
Thermal systems

Laser cutting | Stamping



Thermal systems

Laser cutting | Stamping | Assembling



Battery box

Laser cutting | Stamping | Welding





Window parts

Laser cutting | Stamping



Hotforming

What we can do



→ Prototypes & Short Runs
(Up to 1000 parts / week)

→ 22MnB5 Coated with Zn or AlSi

→ Direct (AlSi) or Indirect Process (Zn)

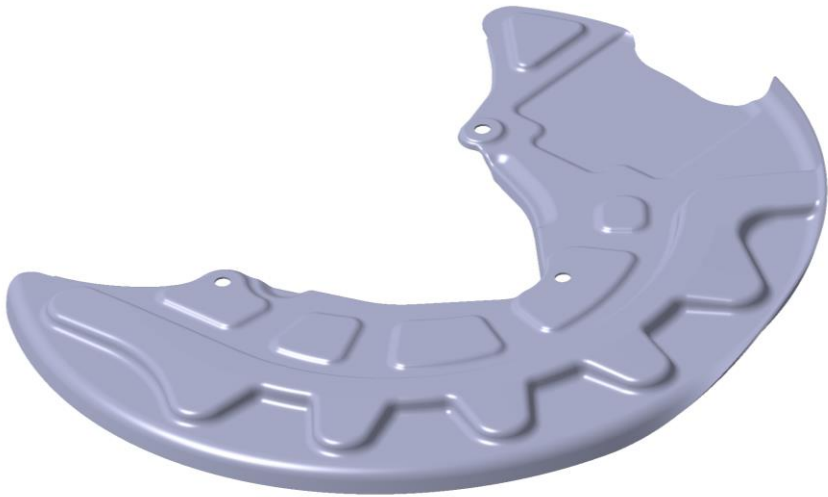
→ Tailor Welded Blanks / Tailor Rolled
Blanks and Patched Blanks

→ Tailor Tempered Blank (Uniform
Heating cycle / Partial cooling on air /
Straight & Large Transition Zone)

→ Laser Trimming

→ Dimensional & Hardness Control

Our recent Hotforming projects



Raw material	<ul style="list-style-type: none">→ 3.1 certificate→ Coating thickness control→ Surface Roughness control
Blanking	<ul style="list-style-type: none">→ High Speed flexible 2D Laser Cut→ Blank Engraving for Traceability
Heating Cycle	<ul style="list-style-type: none">→ Single Chamber Furnace with Automated Feed IN/OUT carriage→ Protective Atmosphere Optional→ Time on Furnace Traceability
Blank Transfer	<ul style="list-style-type: none">→ Manual Transfer→ Transfer Time Traceability (Automatic Alert in case of limit exceeded)→ Thermographic Image Control (Heated State Before Stamping)
Forming & Quenching	<ul style="list-style-type: none">→ Hydraulic Press up to 750Ton→ Effective Pressure and Closing time traceability→ Cooled part Thermographic Image Control
Trimming & Quality Control	<ul style="list-style-type: none">→ 3D Laser Cut Final Part Geometry→ Dimensional Control→ Mechanical properties Control: HRC Hardness (e>1mm) > In-house // (HV10 ; Re ; Rm ; A% ; Coating Layer ; ...)

Our clients
come from
all over the
world





Alberto Vassalo

Technical Sales Manager

Prototypes and Series

(+351) 961 381 443

alberto.vassalo@edaetech.pt

Get in touch

See all your questions
answered by our team
of experts.

