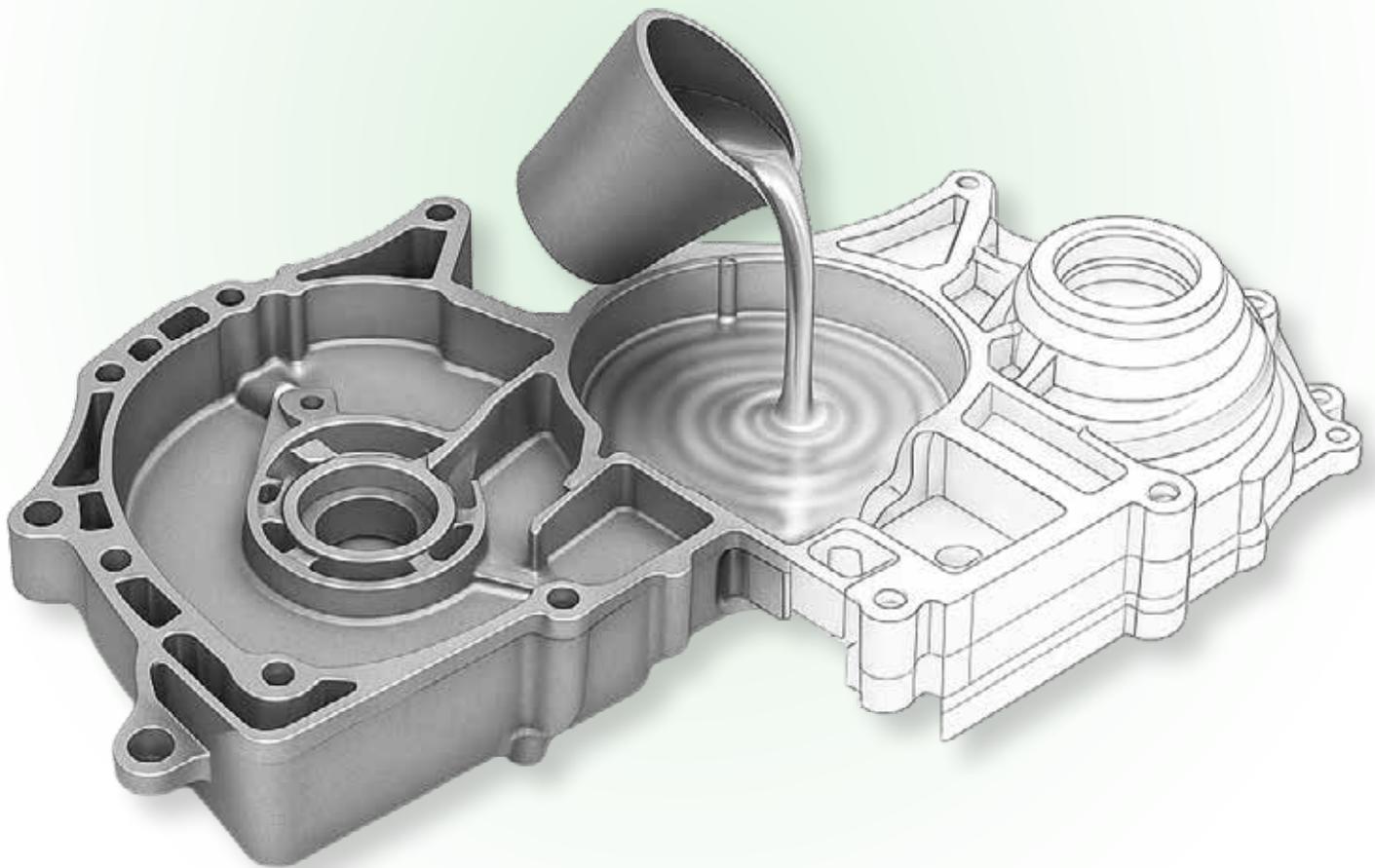
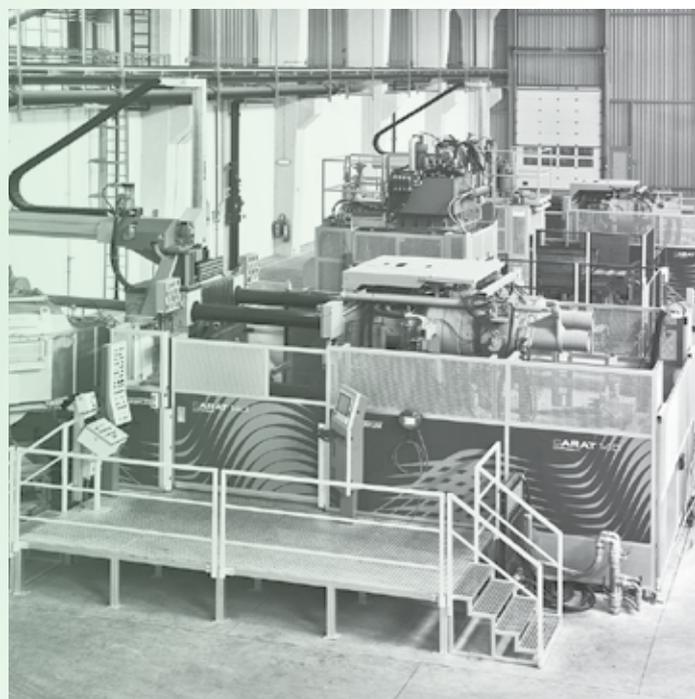




Castings



With aluminum castings
on the path to a light, bright and sustainable future





COMMITMENTS

Aluminum is more than just a metal – it is movement, lightness and durability.

Like a butterfly transforming from a caterpillar into a masterpiece of nature, aluminum castings are transforming industry.

We are entering a new era where innovation meets nature.

Our aluminum castings power the mobility of the future.

From passenger cars to commercial vehicles, from motorcycles to non-automotive applications. Aluminum enables lightness, strength and energy efficiency.

Each casting is like a butterfly wing – precisely shaped, and custom tailored.

Our planet reminds us every day that it is time for change.

Climate change, the depletion of natural resources and environmental pollution are no longer distant problems – they are here and now, loud, clear and urgent. That is why we have firmly committed to actively contributing to the **transition to carbon-free production**.

Our strategy is based on three pillars: sustainable materials, **digital transformation** and responsible resource management.

Shaping Mobility.
Shaping the Future.



MOTORCYCLES

Specifics

Part weight

0,5 to 10 kg

Yearly quantity

5.000 to 150.000 pcs

Casting technologies

GC, LPDC, HPDC

Heat treatment

T6, T64

Surface treatment

shot blasting, anodization, powder coating

Assembly

bushes, bearings, screws, nuts, sealing rings, plastics

Controls

x-ray, cracks control, mechanical properties, cleanliness, tightness, visual aspect

Applications

Safety parts

various carriers, frames

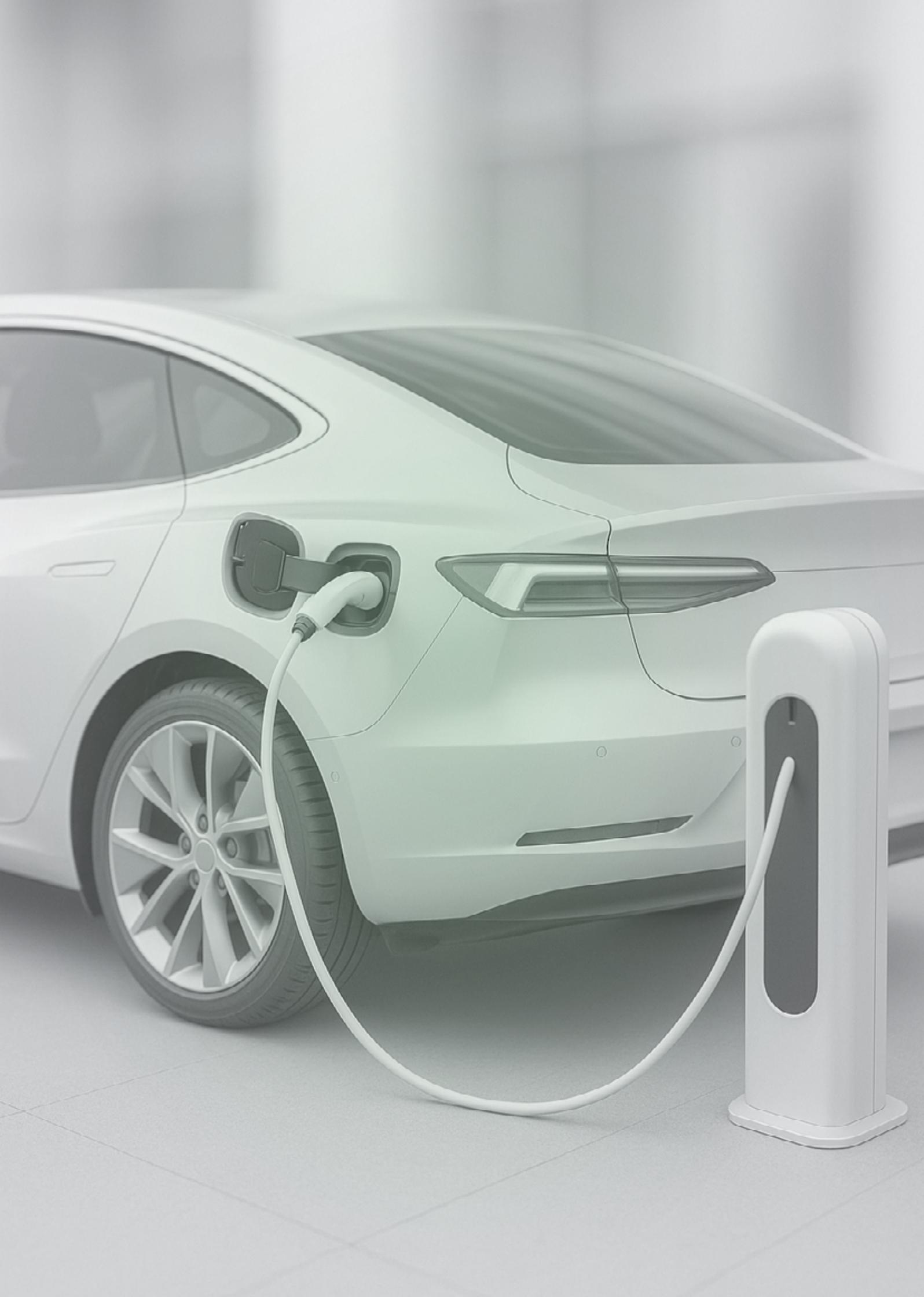
Housings

oilsump, axle

Covers

engine







PASSENGER CARS

Specifics

Part weight

0.3 to 20kg

Yearly quantity

10.000 to 1.000.000 pcs

Casting technologies

GC, LPDC, HPDC

Heat treatment

T5, T6, T7

Surface treatment

shot blasting, passivation

Assembly

bushes, bearings, sealing rings, plugs, plastics

Controls

x-ray, cracks control, mechanical properties, cleanliness, thightness

Applications (ICE, HV, EV)

Safety parts

suspension brackets

Housings

EV battery, ICE pumps, EV stator housing

Special parts

EV balance disc



COMMERCIAL VEHICLES

Specifics

Part weight

1 to 20 kg

Yearly quantity

5.000 to 200.000 pcs

Casting technologies

GL, LPDC, HPDC

Heat treatment

T6

Surface treatment

shot blasting, passivation

Assembly

stud bolts, press in bolts, bushes, helicoils, centering bolts

Controls

x-ray, cracks control, mechanical properties, cleanliness, thightness

Applications (ICE, HV, EV)

Safety parts

various carriers

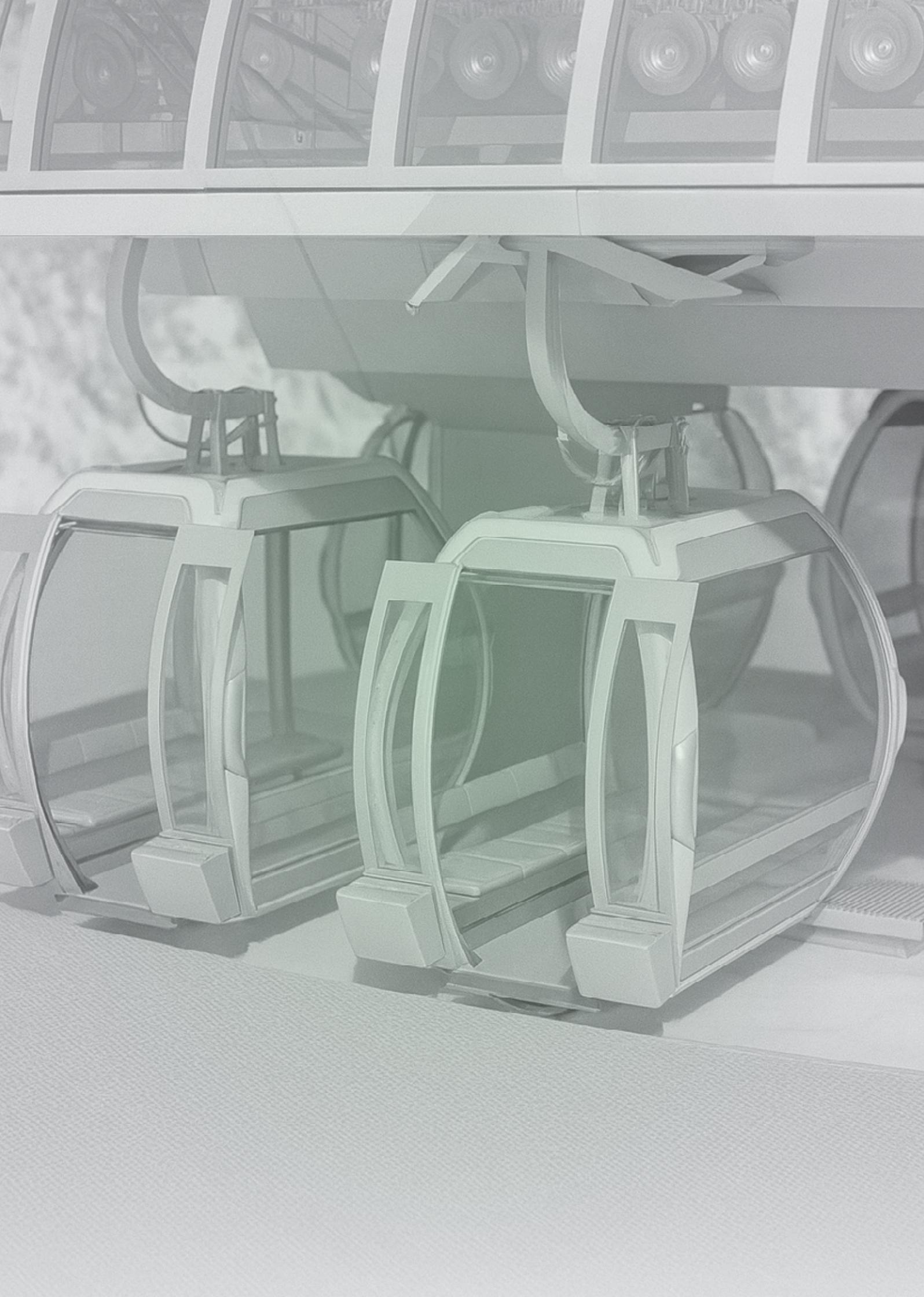
Housings

pumps, reducer

Covers

electronic, pneumatic valve, reducer







NON-AUTOMOTIVE

Specifics

Part weight

0,5 to 20 kg

Yearly quantity

5.000 to 400.000 pcs

Casting technolgies

GL, LPDC

Heat treatment

T6

Controls

x-ray, cracks control, mechanical properties, thightness

Applications

Safety parts

ropeway wheels

Housings

compressed air filters

Heat exchangers

heating systems for houses

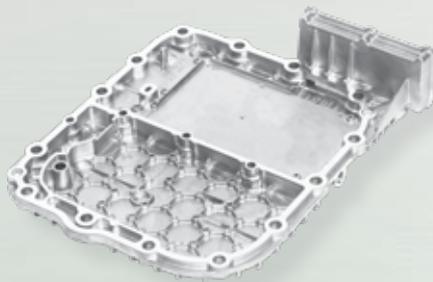
Brackets

electro industry

COMMERCIAL VEHICLES



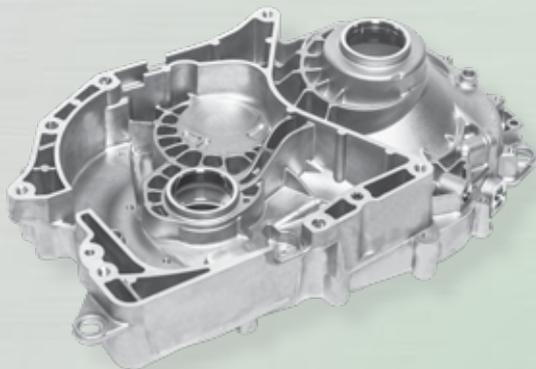
CABIN BRACKET



ELECTRONIC COVER



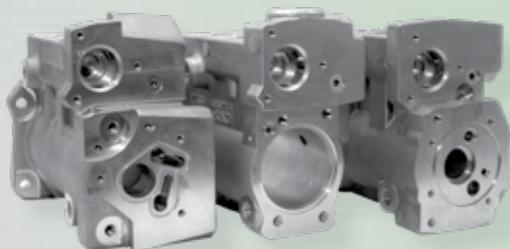
CENTERING PLATE



REDUCER HOUSING



REDUCER COVER



FUEL PUMP HOUSING



TRANSMISSION CARRIER

NON-AUTOMOTIVE



HEAT EXCHANGER



ROPEWAY WHEEL



FILTER HOUSINGS

MOTORCYCLES



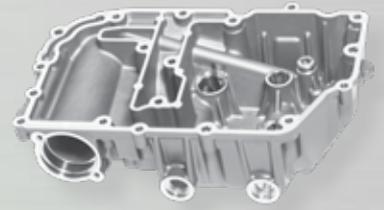
AXLE COVER



WHEEL HUB



AXLE HOUSING



OIL SUMP

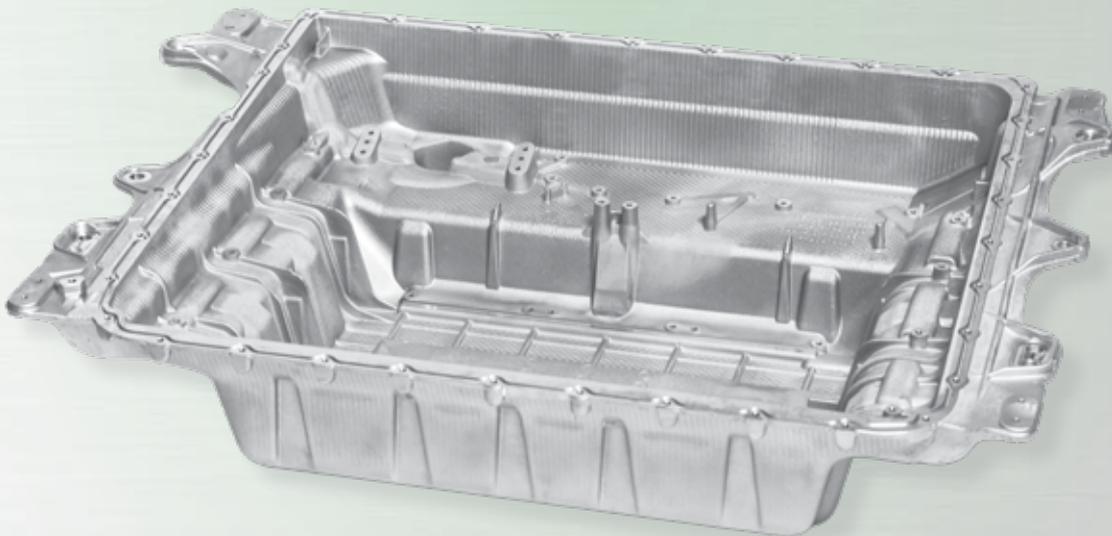


TOP CASE CARRIER

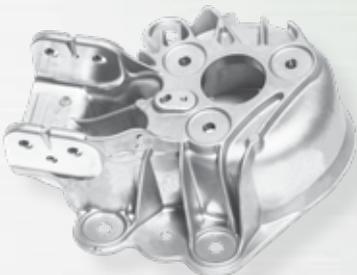


SWING ARM

PASSENGER CARS



BATTERY HOUSING



STRUT TOWER



BALANCE DISC



WHEEL CARRIER



CORE COMPETENCES

R&D development multidisciplinary approach considering customer requirements, know-how of casting/machining/surface treatment processes, as well various simulation models and tools for designing

Offering of **prototypes** either sand or permanent mold casted

One stop shop location from designing, tool manufacturing, sampling, to serial production

Three casting technologies on one location gravity, low pressure, high pressure die casting

Offering of **various technical options** about heat treatment, surface treatments, assemblies with other parts, DMC marking of parts, **various controls etc.**

Reliable partner regarding product quality, on-time delivery, cost-effectiveness, innovations, green transformation



Three casting technologies on one location gravity, low pressure, high pressure die casting

Offering of **various technical options** about heat treatment, surface treatments, assemblies with other parts, DMC marking of parts, various controls etc

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