



EXPERIENCED FOUNDRY.

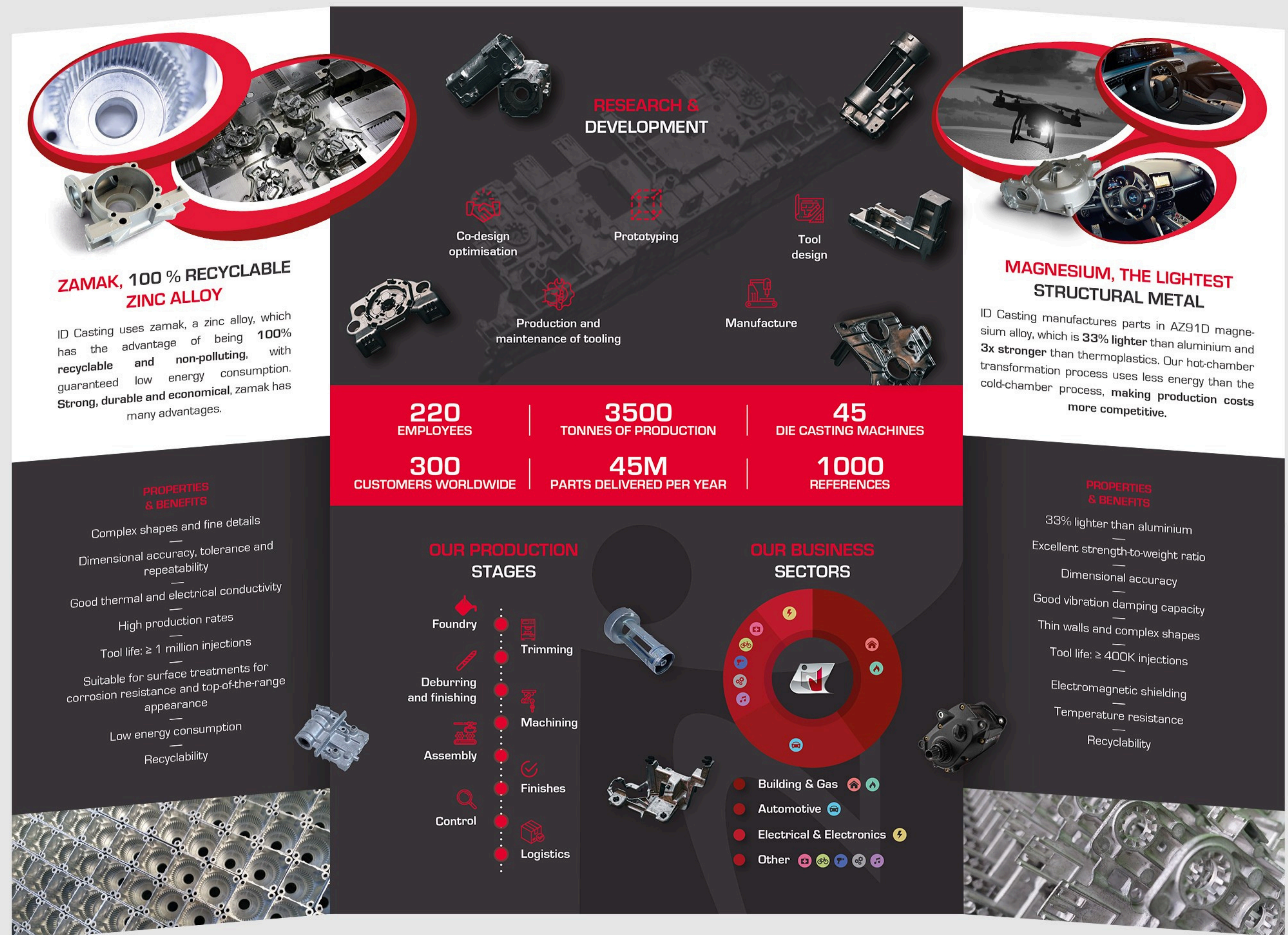
PRECISION INJECTION-MOULDED ZINC AND MAGNESIUM ALLOYS

ID CASTING
Precision in zinc & magnesium
GROUP

SIOBRA
Precision in zinc & magnesium
CASTING

ID COMPONENTS
Precision in zinc & magnesium
CASTING

Ami
Precision in zinc & magnesium
CASTING



ZAMAK, 100 % RECYCLABLE ZINC ALLOY

ID Casting uses zamak, a zinc alloy, which has the advantage of being **100% recyclable** and **non-polluting**, with guaranteed low energy consumption. Strong, durable and economical, zamak has many advantages.

RESEARCH & DEVELOPMENT

- Co-design optimisation
- Prototyping
- Tool design
- Production and maintenance of tooling
- Manufacture

MAGNESIUM, THE LIGHTEST STRUCTURAL METAL

ID Casting manufactures parts in AZ91D magnesium alloy, which is **33% lighter** than aluminium and **3x stronger** than thermoplastics. Our hot-chamber transformation process uses less energy than the cold-chamber process, making production costs more competitive.

220 EMPLOYEES | **3500 TONNES OF PRODUCTION** | **45 DIE CASTING MACHINES**

300 CUSTOMERS WORLDWIDE | **45M PARTS DELIVERED PER YEAR** | **1000 REFERENCES**

OUR PRODUCTION STAGES

- Foundry
- Deburring and finishing
- Assembly
- Control
- Trimming
- Machining
- Finishes
- Logistics

OUR BUSINESS SECTORS

- Building & Gas
- Automotive
- Electrical & Electronics
- Other

PROPERTIES & BENEFITS

- Complex shapes and fine details
- Dimensional accuracy, tolerance and repeatability
- Good thermal and electrical conductivity
- High production rates
- Tool life: ≥ 1 million injections
- Suitable for surface treatments for corrosion resistance and top-of-the-range appearance
- Low energy consumption
- Recyclability

PROPERTIES & BENEFITS

- 33% lighter than aluminium
- Excellent strength-to-weight ratio
- Dimensional accuracy
- Good vibration damping capacity
- Thin walls and complex shapes
- Tool life: $\geq 400K$ injections
- Electromagnetic shielding
- Temperature resistance
- Recyclability



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LOCATION & CONTACT

ID CASTING
39 - Arbois
Siège social & Centre de développement
Head quarter & R&D center

SIOBRA
39 - Arbois
Site de production / Production plant
Zamak & Magnesium

AMI
31 - Igny
Site de production / Production plant
Zamak

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