Company Presentation

offers short series of complex aluminum castings to customers with high requirements on design, finish and function

HPG® – Hackås Precision Foundry

www.hpgab.se

- acknowledged supplier of complex, thin-walled and machined aluminum castings
- supplying machined aluminum castings in small and medium volumes based on the Plaster Mould Casting Method
- customers within the military, healthcare, electronic and marine industries
- situated in Hackås, some 40 km south of Östersund, Sweden
- established in 1971
- workforce of 30 people

ISO 9001
ISO 14001
KVALITETS & MILJÖ
CERTIFIERAD
BMG TRADA CERTIFIERING

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Precision Castings

Our market nisch is aluminium precision parts produced by Plaster Mould Casting

- most shapes and forms, also with undercuts and ”zero” draughts
- parts with high requirements on surface finish, complexity and functionality
- integrated functions such as sealing grooves and internal channels
- thin sections, down to 0.8 mm
- large parts (normally produced by sand mould casting with consequent extensive cleaning and/or machining)
- pre-series such as verification of new design before ordering of die-casting tools
- series of 5 to 1000 pcs / year
- spare part supply at the end of product’s life cycle

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Our customers
are to be found within

- MedTech
- Military
- Automotive
- Satelite communication
- Process and measuring equipment
- Electronics
- Marine
- *and more…..*

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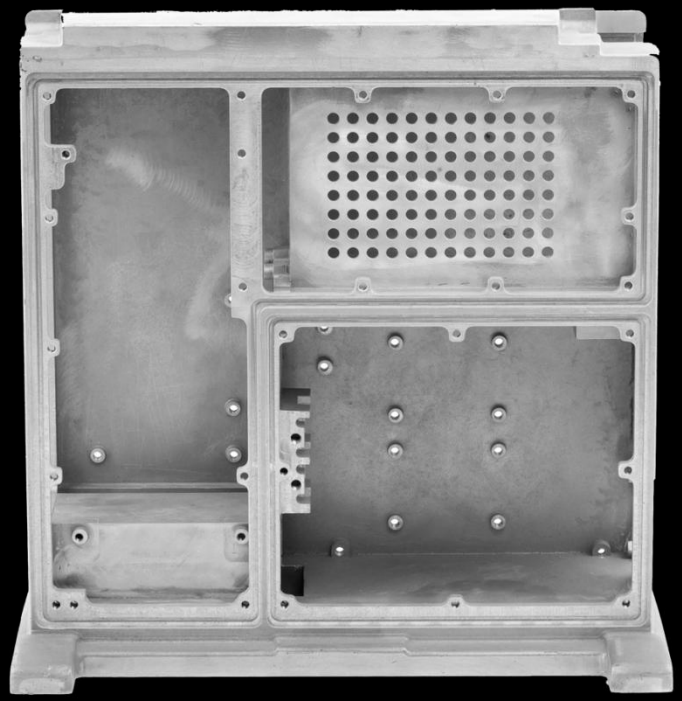
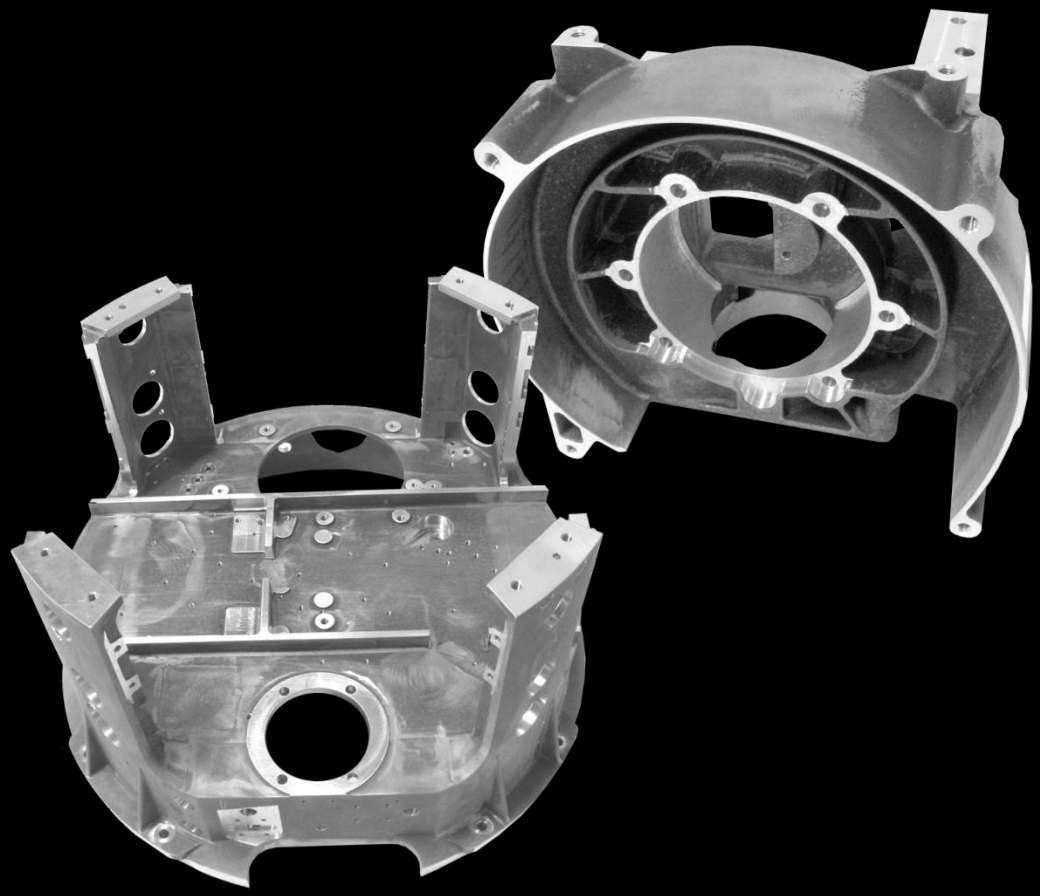
Advanced patterns and machining





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Thin-walled and high sections

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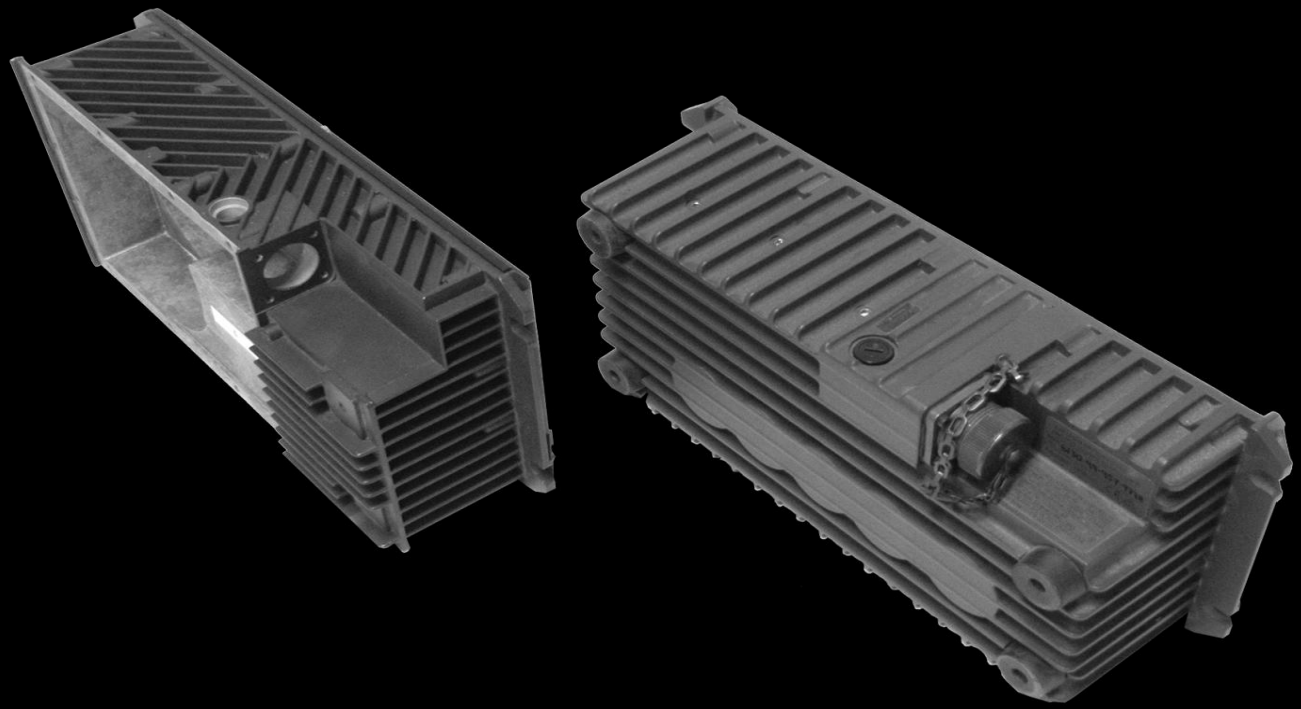
Elimination of 4 large cores through process optimisation



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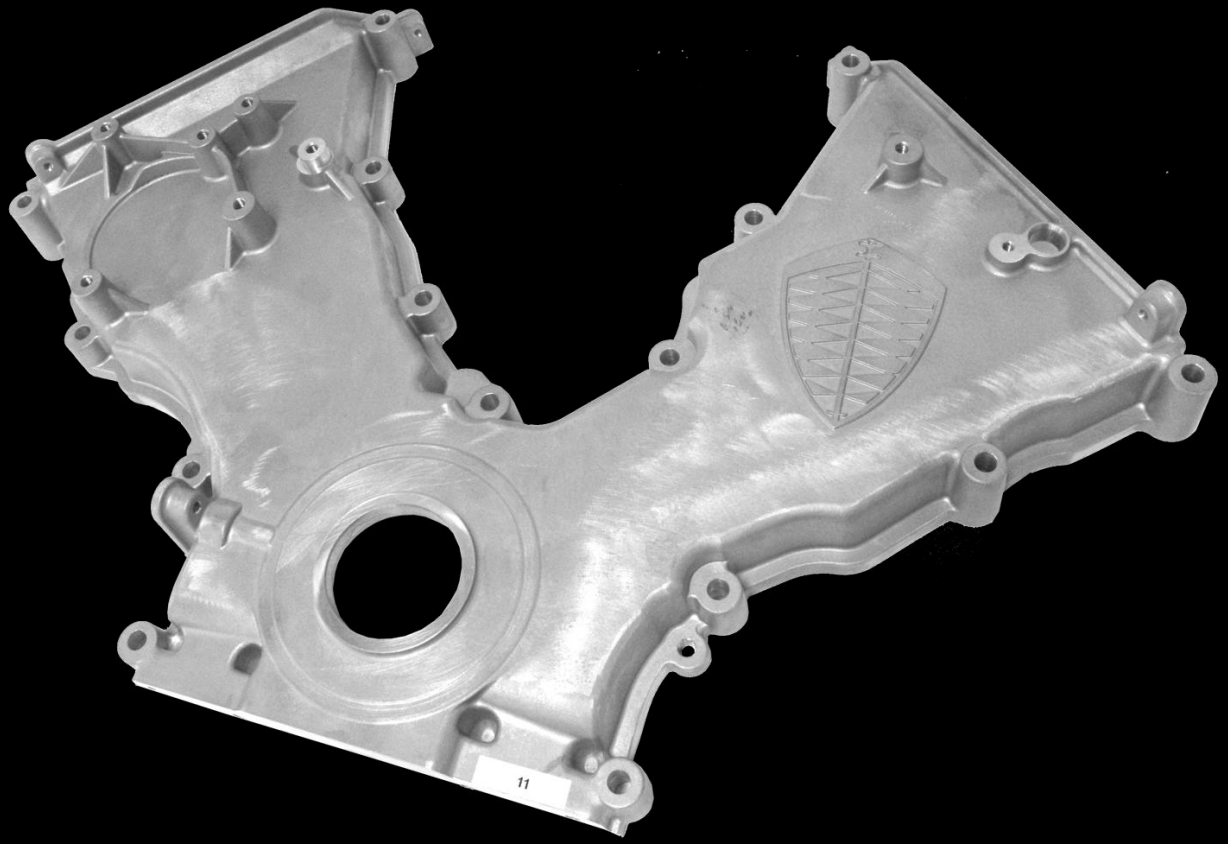
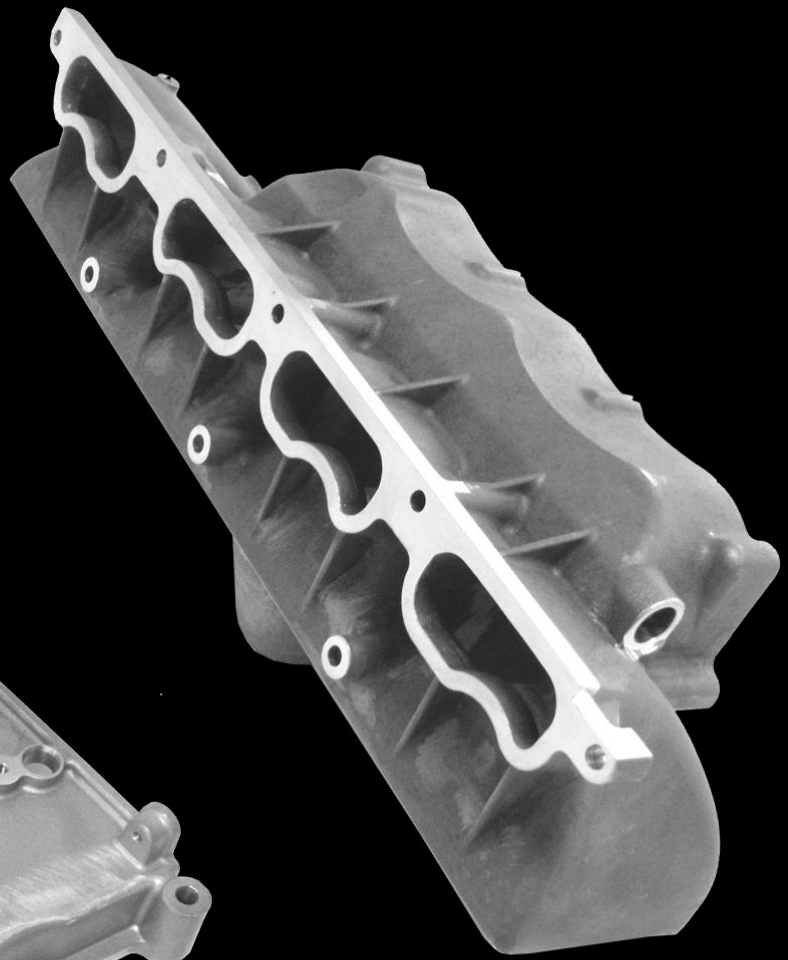
Small series parts for special vehichles





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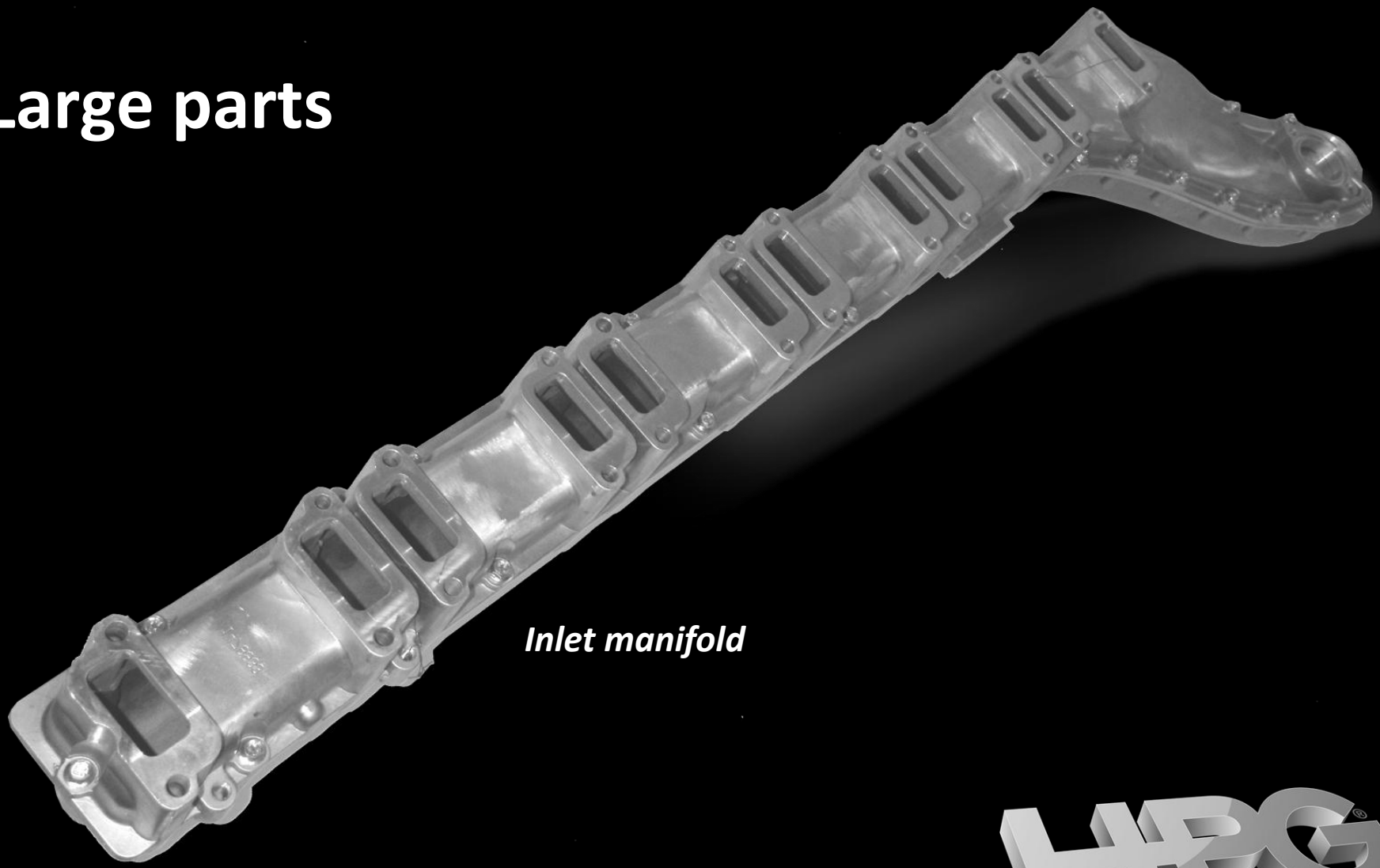
Large parts



Inlet manifold

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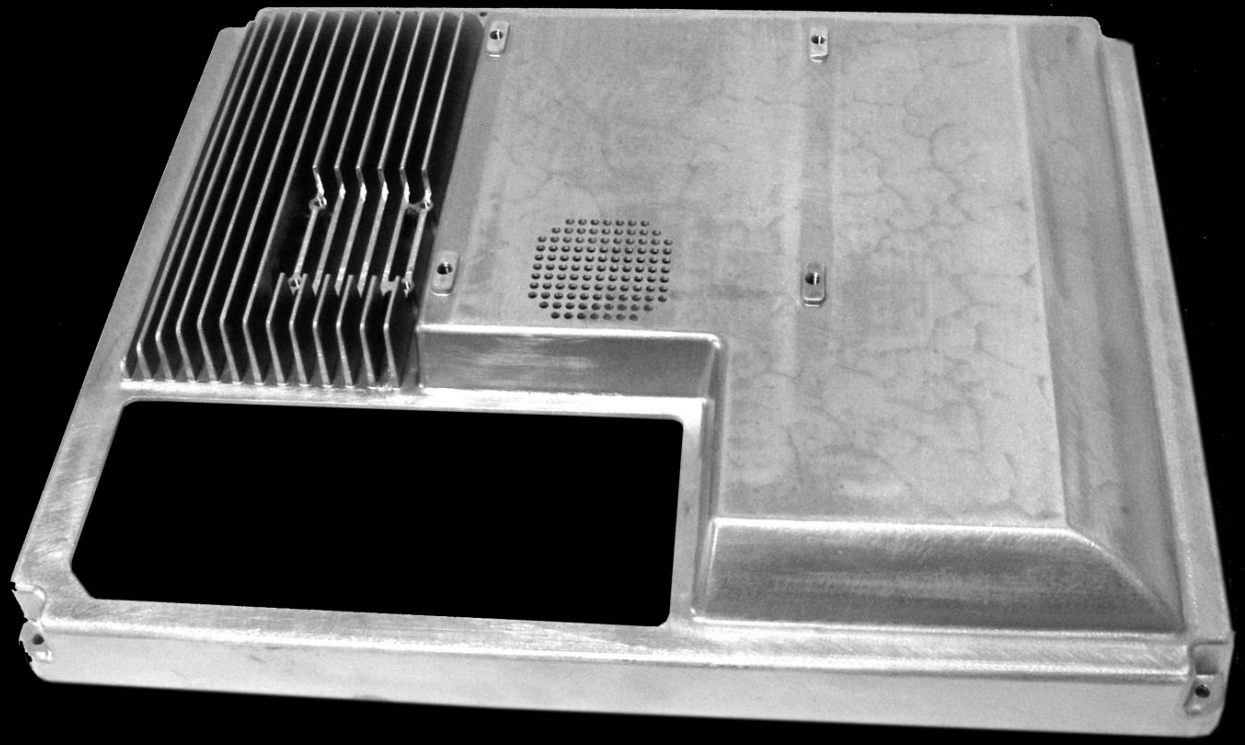
Monitor frame with perfect fit



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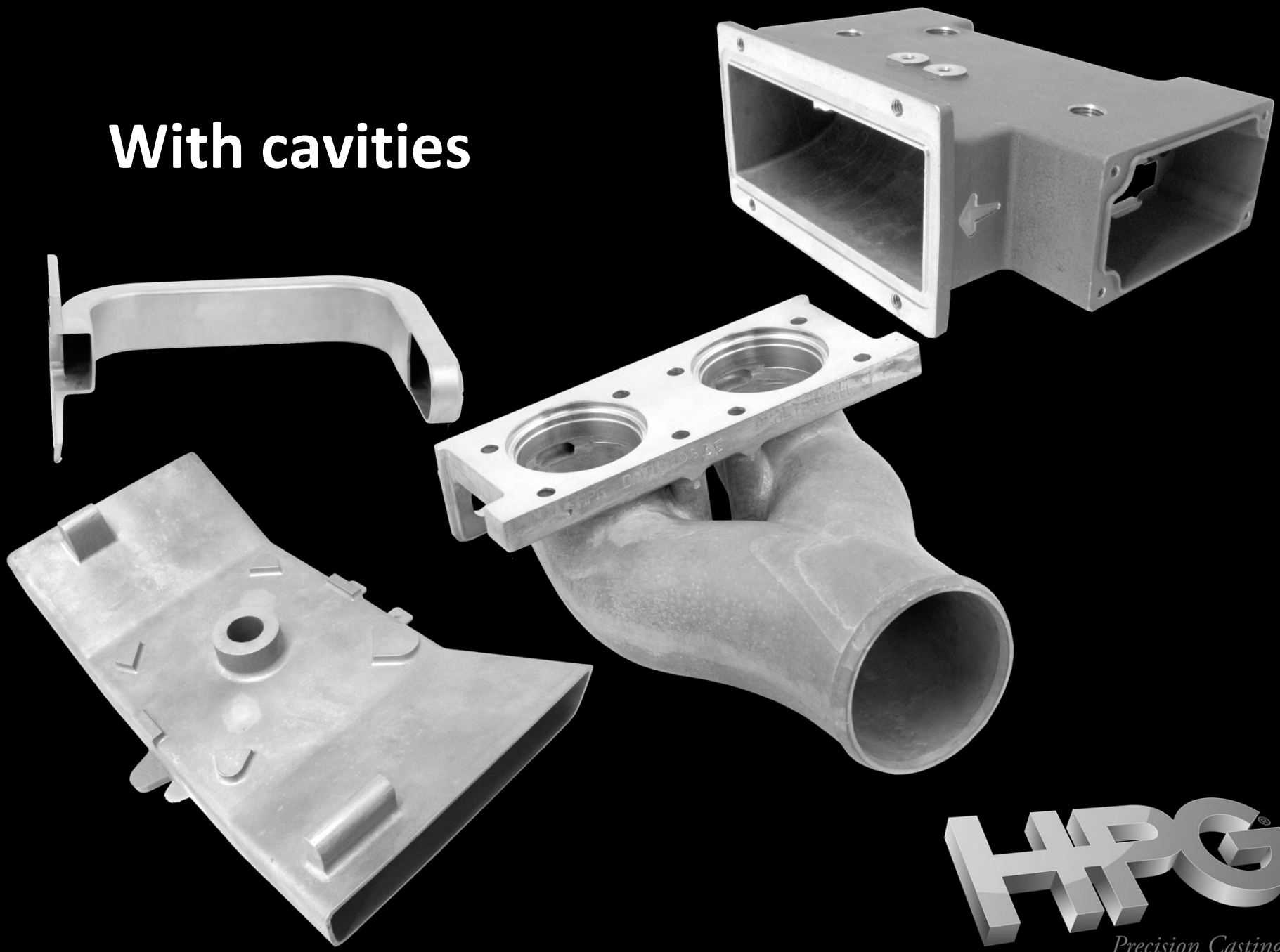
With cavities



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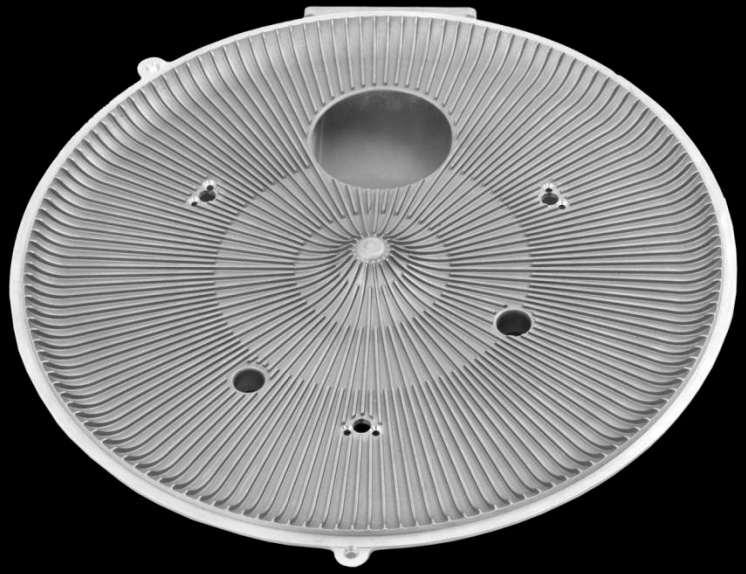
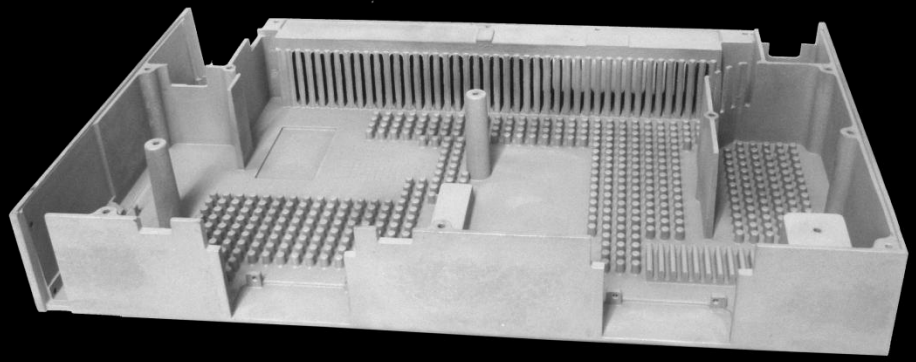
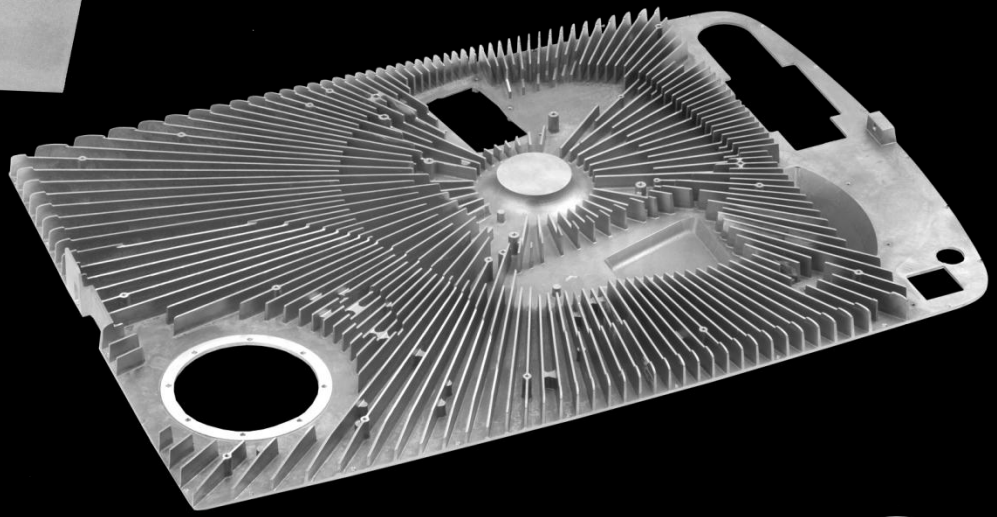
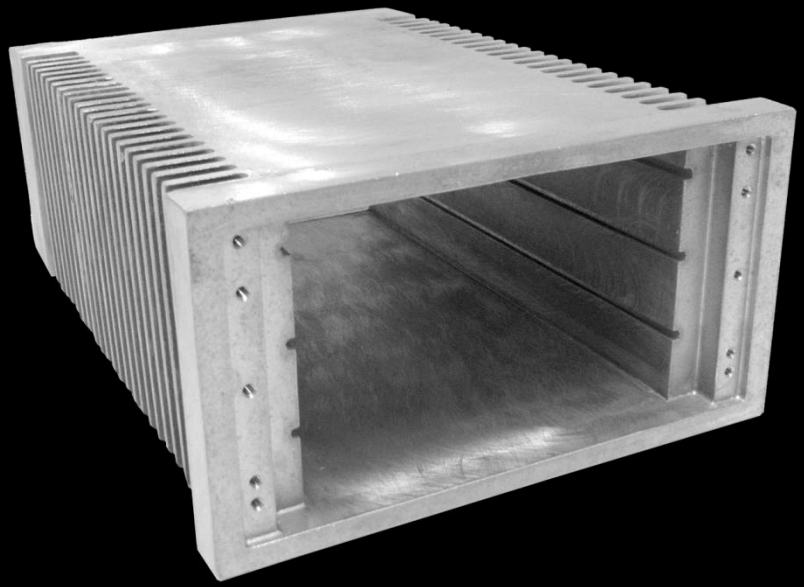
With cooling fins









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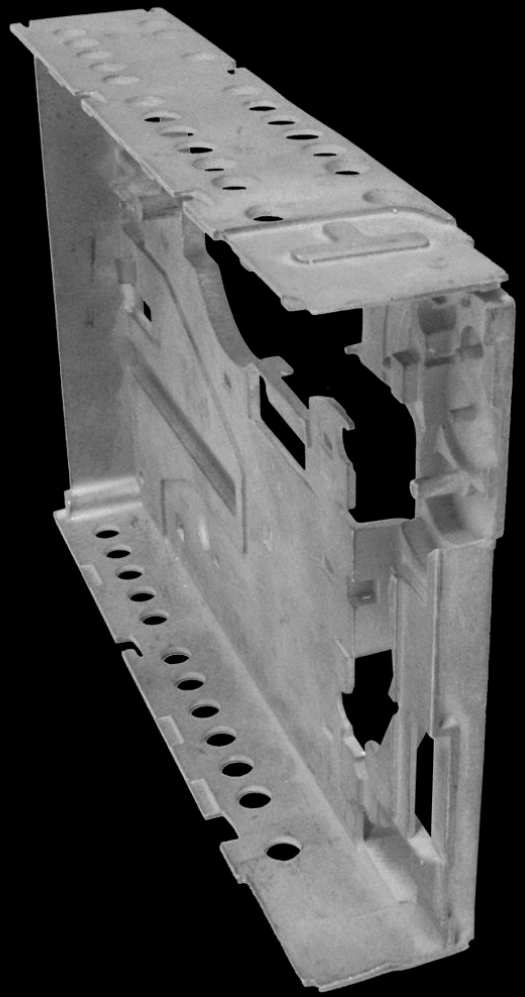
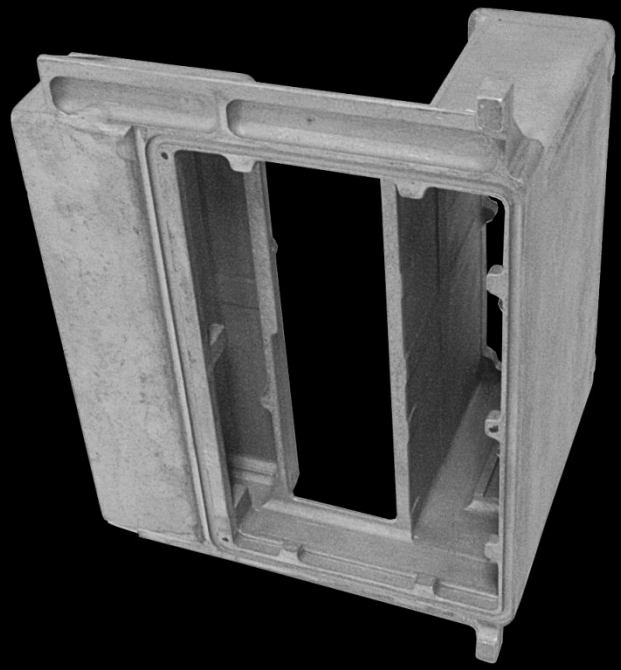
Small, light and thin-walled





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Classified castings

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HPG® sets the limits for the possible….

- Design freedom -> Selling design
- Thin-walled parts -> Light weight design
- Integrated functions -> Multi functional solutions
- Short settings and low pattern cost -> Low volume production
- Simple mould changes -> Variants
- Simple and cost-effective pattern changes -> Continous improvements
- Own pattern shop -> Short lead time
- Low total cost by low volume production

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