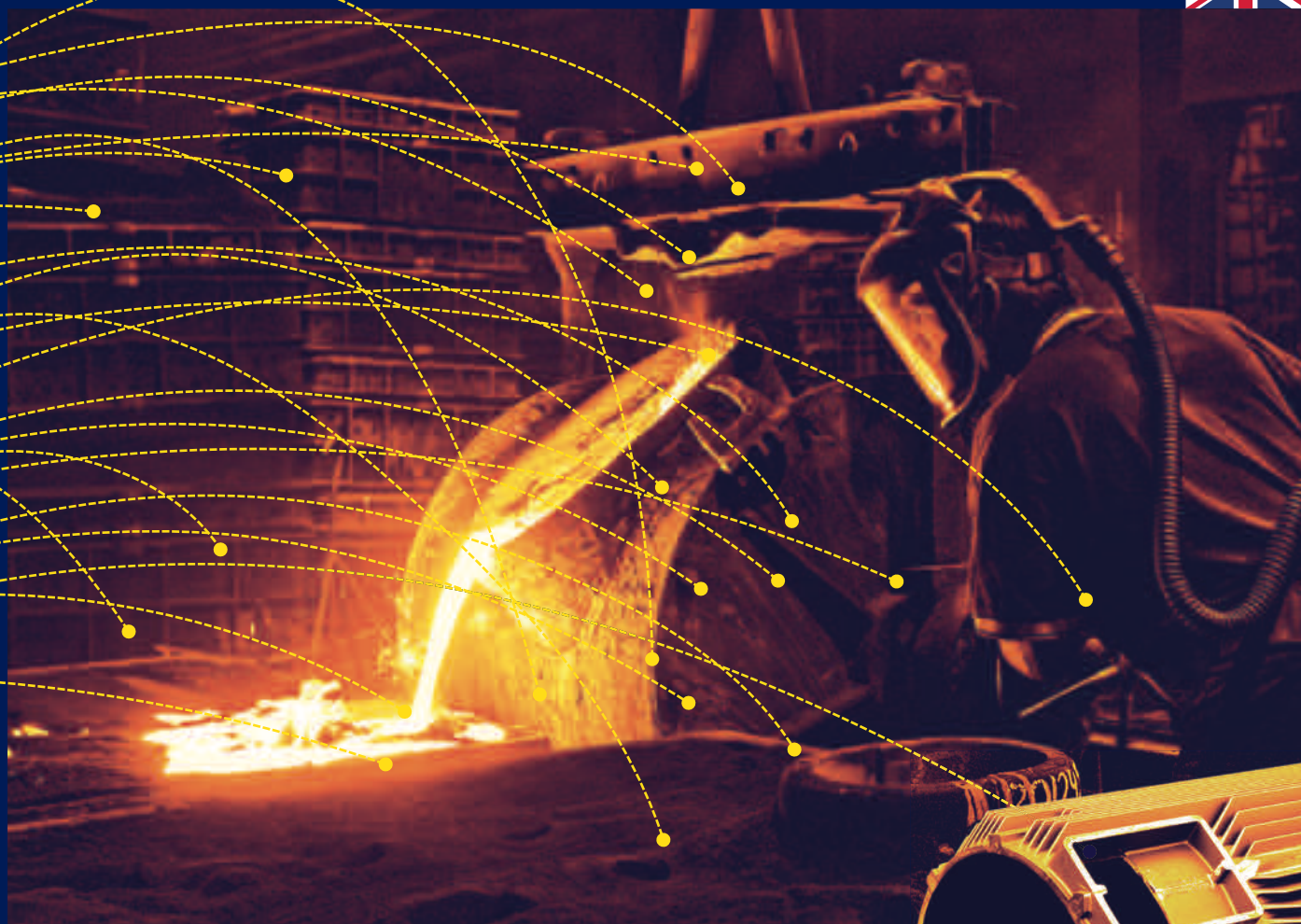


CAST IRON IS OUR TRADE



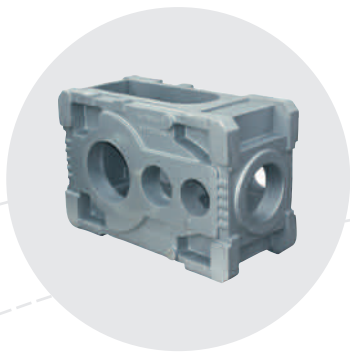
We produce gray and ductile iron castings up to 3000 kg and castings of aluminum alloys up to 120 kg. We offer CNC machining, painting and other services in the area of metal processing.

Our typical products include housings and shields for electric motors, gearboxes housings, fittings, machinery parts, etc.

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ŠTĚPÁNOV**



Gearbox
570 kg, EN-GJS-400



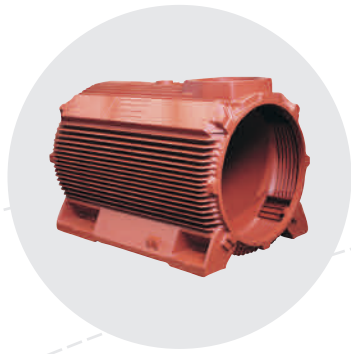
Inlet elbow-pipe
35 kg, EN-GJL-250



Flange
96 kg, EN-GJL-200



Gearbox
131 kg, EN-GJL-250



Stator frame
586 kg, EN-GJL-200



Stator frame
52 kg, EN-GJL-200

PRODUCTION CAPABILITIES

- Piece and small-lot production of castings up to 3000 kg, including CNC machining

CAST MATERIALS

- Cast iron with lamellar graphite (EN-GJL-200, EN-GJL-250, EN-GJL-300)
- Cast iron with nodular graphite (EN-GJS-350-LT, EN-GJS-400, EN-GJS-500, EN-GJS-600)
- Aluminum alloys (e.g. AlSi10Mg, AlSi8Cu3)

MANUFACTURING FACILITIES

- Cupola furnaces
- Rotary gas furnaces
- Furan molding technology with sand reclaiming
- Annealing furnaces

QUALITY CONTROL

- Spectrographic analysis of chemical composition, Metallurgical analyses
- Standard measurements of hardness and strength
- Regular inspection of dimensional accuracy
- Ultrasonic inspection
- Magnetic resonance imaging

CNC MACHINING

- We offer rough and final CNC machining
- Milling, boring and drilling workpieces weighing up to 12,000 kg

SERVICES

- Pattern making
- Machining of castings
- Surface finishing
- Heat treatment
- Technological development
- Freight services

REFERENCES

Siemens • Leroy Somer - Emerson Group
Bonfiglioli Riduttori • KSB • ATB-Schorch
Renold Gears • Marelli Motori



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