



An overview of 105 years experience

FOUNDED
1919

PRODUCTION SURFACE
35.000 m²

MELTING CAPACITY
ca. 5.000 kg per shift and site

ALLOYS
Aluminium, bronze, aluminium bronze

EMPLOYEES
80

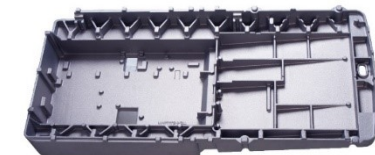
TURNOVER 2023
EUR ca. 14 m.

CERTIFICATION
DIN ISO 9001:2015

Sieg & Speith is an entrepreneur-managed foundry with 3 sites in Northern Germany. With its unparalleled large machine park (6 casting processes) we are able to provide the best solution to our customers.

We are offering you the following services:

1. Support during the **entire lifecycle** of your part – prototype – small series – large series– spare parts business for many decades
2. **Takeover** of existing pattern from third parties. Planned and structured; but also „over night“, when necessary
3. From **raw casting** to machined and **premounted parts**.



SIEG & SPEITH – COMPANY PRESENTATION

6 Casting Processes

2 FULLY AUTOMATIC MOULDING LINES

- Box size machine 1: 550 x 550 mm
- Box size machine 2 : 650 x 850 mm

Your advantage:

Low tool costs. Flexibility in adjustments. Short delivery times. Takeover of existing patterns.



2 LOW-PRESSURE-DIE-CASTING MACHINES

- Tool size up to 1.300 x 1.300 mm

Your advantage:

Serial casting in aluminium starting at ca. 2.000 parts p.a.



VACUUM SANDCAST

- Box size: 1.250 x 1.250 mm

Your advantage :

Surfaces comparable to aluminium-die-casting. Better structure than regular sandcasted parts.



11 DIE-CASTING MACHINES

- Tool size up to 1.000 x 1.000 mm

Your advantage:

The large machine park permits us to easily adapt existing tools at low cost. Also, production of small series and spare parts.



BLOCK-MOULDING PROCESS WITH FURAN RESIN

- Box size 1.200 x 1.600 mm

Your advantage:

Serial production for large parts. High surface quality and high process reliability,



HAND FORM MOULDING

- Furan-sand, pep-set-sand, greensand
- Current part size up to 4.000 x 4.000 mm and up to 2.000 kg

Your advantage:

Prototypes, single-item production, spare parts. Low cost reusage of existing third party patterns.



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Additional Services & Maschining

HEAT TREATMENT (BALZER)

- Recorded temperature monitor
- Special quenching methods
- T6, T7, T64 and stress relief heat treatment



X-RAY (GE)

- 360° rotary table 45° pivotable
- Portal 45° pivotable
- Parts up to 3.000 x 5.000 mm



IN-HOUSE MODEL-MAKING WORKSHOP

- Patterns machined based on CAD data
- Pattern construction based on customer specifications
- Unlimited pattern sizes



3 LATHES UND 3 MILLING MACHINES (HEDELIUS, DMG MORI SEIKI, MONTFORTS)

- DMG Mori Seiki NHX 5000 730 x 730 x 880 mm
- Hedelius Tiltenta T7 2.600 x 750 x 700 mm
- Hedelius Tiltenta T8 2.900 x 800 X 915 mm
- MATEC -30 HV 4.000 x 1.000 x 900 mm
- 3 MONTFORTS lathes
 - (KNC 8S / 10S / 1000S) 2.000 mm maximum turning diameter
- 2 x CNC-3D coordinate measuring machine
- 2 x Faro-Edge-scanner, laser tracker



EXTERNAL PARTNERS

- We cannot and do not want to do everything ourselves. But we want to be able to supply you with everything. This is why we rely on certified external partners with whom we can offer you further services such as:
 - Machining
 - Surface coating
 - Assembly

SIEG & SPEITH – COMPANY PRESENTATION

Contact & Sites



WE ARE THERE FOR YOU

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