

Our assortment - our products (sample)

Drives and Pumps

- Motor engineering ¹
- Drive engineering ²
- Pump engineering ³
- Hydraulic pumps ⁴

Visible Parts

- Oven and heating engineering ⁵
- Oven and heating engineering ⁶
- Decorative castings ⁷
- Decorative castings ⁸

Coreless castings

- Waste water engineering ⁹
- Loom construction ¹⁰
- Motor construction ¹¹
- Chills ¹²



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GjE

CASTING WITH PRECISION

GjE

NEW in 2020: EN-GJS

GIesserei ELSTERBERG



Casting with precision

We offer a wide range of serial parts made of grey cast iron, manufactured by the frameless DISAMATIC® molding technology with high technical precision.

Everything but Automotive

We can manufacture - efficiently and quickly - your small and medium series, because we are not an automotive supplier.

Traditionally modern

Not only are we sticking to our previous achievements, but we are pursuing the goal of evolving from generation to generation. And we are always curious and ambitious enough to face new challenges.

Our services - our program

We would like to be your supplier. It is our goal to offer you a maximum of foundry services for your casting demands including all levels in the process, as the following:

- CAD - Workpiece development and casting design
- Simulation of mold filling and solidification
- Model making in CAM - Pattern making
- Casting production
- Coordination of the external subcontractors for machining, heat treatment or surface treatment
- Storage and transportation logistics

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Our products - our profile

Material identification in accordance with DIN EN 1561:	EN-GJL-150 ... 250; EN-GJL-HB-155 ... 215
Amount of patterns in stock:	approx. 4.300
Amount of patterns in use per year:	approx. 1.500
Amount of new patterns per year up to:	approx. 300
Lot sizes:	50 to 50.000 pieces
Weight per unit:	25 g to 25 kg
Annual production:	max. 12.000 t
Time of delivery for initial samples raw / machined:	approx. 5 weeks / 7 weeks
Time of delivery for serial parts raw / machined:	approx. 6 - 10 weeks



Our manufacturing - our process

Molding unit:	DISA 130-A, mold dimensions 480 x 600 mm
Core-making shop:	3 cold-box core shooters each with 12 l shot volume
Melting unit:	3 cold-wind cupolas with O ₂ -Injection NEW: 2 Medium-frequency induction furnaces JUNKER 1,5 t each
Casting unit:	Induction-heated pouring unit (2,5 t)
Cleaning shop:	Continuous shot blast machine Batch-type shot blast machine Cleaning turntable shot blast machine Spinner hanger blast machines Floor-type grinders amongst others
Priming coat:	Water-soluble rust-inhibitive primer, hot-air drying
Quality inspection:	Spectrographic analysis Pouring temperature measuring Hardness testing HB Moulding material testing Metallography
Model making:	CAD - CAM Three-axis CNC milling center Conventional pattern shop for changes and repairs

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