

#### CORELESS CASTINGS

#### WASTE WATER ENGINEERING

Housings for slide valves  
EN-GJL-250, unmachined, varnished

#### LOOM CONSTRUCTION

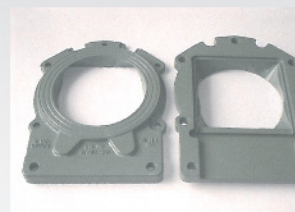
Center wall  
EN-GJL-200, machined, primed

#### MOTOR CONSTRUCTION

Universal clamp  
EN-GJL-200, unmachined

#### CHILLS

For the production of camshafts  
EN-GJL-200, unmachined, primed



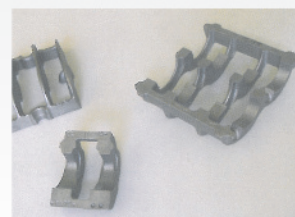
Waste water engineering



Loom construction



Motor construction



Chills

#### OUR CUSTOMERS OUR POTENTIAL

We supply more than 100 customers all over Europe, among them companies such as:

- ABM Greiffenberger
- Bosch-Buderus-Thermotechnik
- Bosch-Siemens-Hausgeräte (SLO)
- Brinkmann Pumpen
- Deutz Motoren
- Dietz-Motoren
- Durable
- EMOD Motoren
- FEBI
- Federal Mogul (GB)
- Gebrüder Becker
- Gustav Michel
- Haas+Sohn (H)
- Jihostroj (CZ)
- LASO
- Mahle
- SISTAG (CH)

# GjE

## GIESSEREI ELSTERBERG



#### CASTING WITH PRECISION

We offer a wide range of serial parts made of grey cast iron, manufactured in frameless DISAMATIC® moulds ensuring high technological precision.

#### EVERYTHING BUT AUTOMOTIVE

We manufacture even your small and medium series quickly and efficiently. We are able to do so, because we are not an automotive supplier.

#### TRADITIONALLY MODERN

We do not remain awestruck by our former achievements, but acknowledge them as the foundation to develop ourselves from generation to generation. And we are always curious and ambitious enough to face new challenges.



**GIESSEREI ELSTERBERG GMBH**  
Greizer Straße 14-16  
D - 07985 Elsterberg

Managing director: Matthias Köhler

Fon +49 (0) 036621 839-0

Fax +49 (0) 036621 839-39

info@giesserei-elsterberg.de

vertrieb@giesserei-elsterberg.de

www.giesserei-elsterberg.de



## 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:

- Design consulting,
- Patternmaking,
- Coordination of the external subcontractors for machining, heat treatment, or surface treatment
- Storage and transportation logistics.

## OUR PRODUCTS OUR PROFILE

### MATERIAL IDENTIFICATION IN ACCORDANCE WITH DIN EN 1561

EN-GJL-100 ... 250, EN-GJL-HB-155 ... 215

### AMOUNT OF PATTERNS IN STOCK

> 2.000

### AMOUNT OF PATTERNS IN USE PER YEAR

approx. 1.500

### AMOUNT OF NEW PATTERNS PER YEAR

up to 300

### LOT SIZES

50 pc. - 50.000 pc.

### WEIGHT PER UNIT

25 g - 25 kg

### ANNUAL PRODUCTION

max. 8.000 to

### TIME OF DELIVERY FOR INITIAL SAMPLES - RAW / MACHINED

approx. 5 / 7 weeks

### TIME OF DELIVERY FOR SERIAL PARTS - RAW / MACHINED

approx. 3 / 7 weeks



## MANUFACTURING OUR PROCESS

### MOULDING UNIT

DISA 130-A

Dimensions of moulding plate 480 x 600 mm

### MOULDING SAND CONDITIONING

Turbo mixer with dosing unit and moulding material testing

### CORE-MAKING SHOP

3 cold-box core shooters with 12 l shot volume

### MELTING UNIT

3 cold-wind cupolas with O<sub>2</sub>-injection

### CASTING UNIT

Induction-heated pouring unit (2,5 to) with laser pour control and stream inoculation

### CLEANING SHOP

Continuous shot blast machine

Batch-type shot blast machine

Cleaning turntable shot blast machine

Floor-type grinders, abrasive belt grinders

Various manual grinders and tools

### PRIMING COAT

Water-soluble rust-inhibitive primer, hot-air drying

### QUALITY INSPECTION

Spectrographic analysis

Pouring temperature measuring

Hardness testing HB

Moulding material testing

### PATTERN SHOP

Conventional shop for production preparation, alterations, and repair of patterns



## ASSORTMENT OUR PRODUCTS

### DRIVES AND PUMPS

#### MOTOR ENGINEERING

Double-sided flange bearing  
EN-GJL-200, machined, primed

#### DRIVE ENGINEERING

Drive housing with cover  
EN-GJL-200, machined and primed

#### PUMP ENGINEERING

Housing for cooling water pump  
and impellers  
EN-GJL-200, unmachined, partially primed

#### HYDRAULIC PUMPS

Ribbed housings  
EN-GJL-200, machined

### VISIBLE PARTS

#### KILN AND HEATING ENGINEERING

Fire door with frame  
EN-GJL-150, machined, gold-plated

#### KILN AND HEATING ENGINEERING

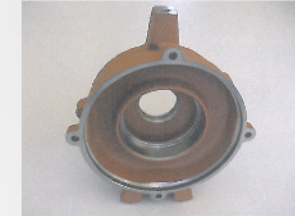
Cast-iron head for burner  
EN-GJL-150, unmachined, weight of unit 26 kg

#### DECORATIVE CASTINGS

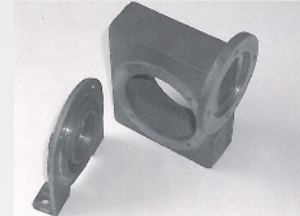
Base  
EN-GJL-150, varnished

#### DECORATIVE CASTINGS

Table foot  
EN-GJL-150, machined, varnished



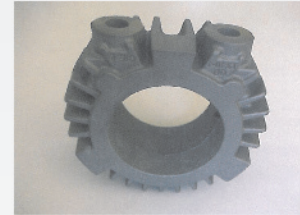
Motor engineering



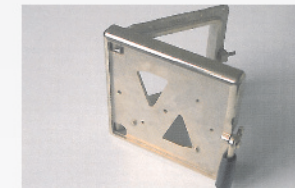
Drive engineering



Pump engineering



Hydraulic pumps



Kiln and heating engineering



Kiln and heating engineering



Decorative castings



Decorative castings