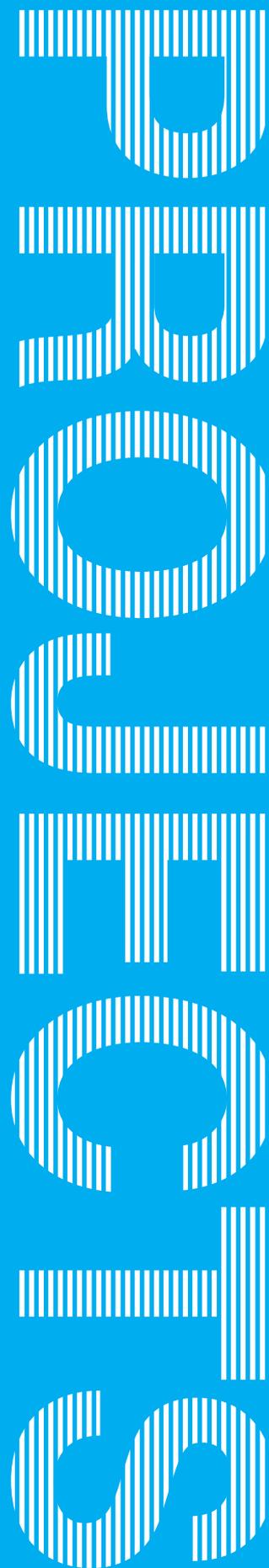
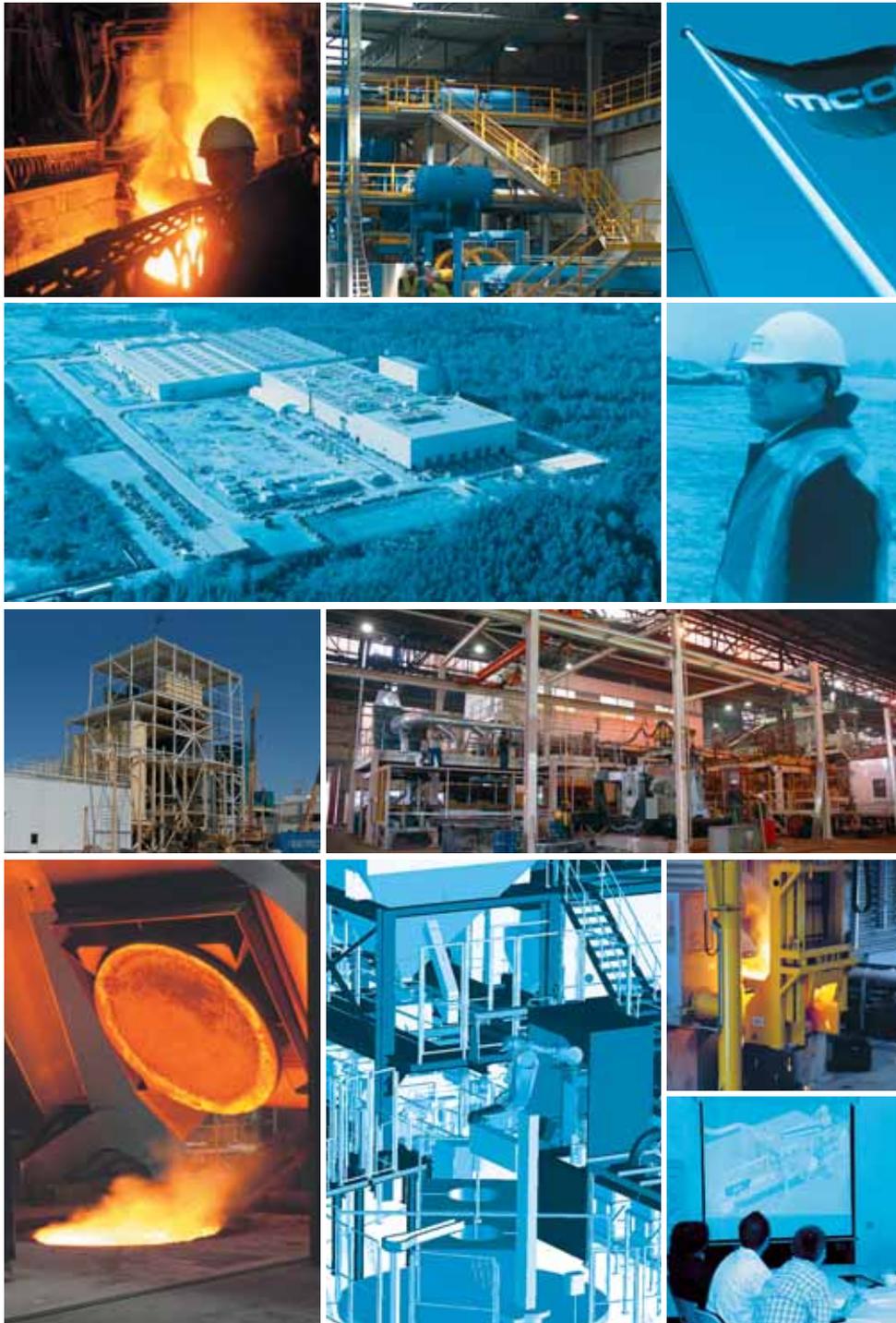


GEMCO®

Gemco Engineers B.V. - Engineers & Contractors

A selection of Gemco foundry projects, in brief



GEMCO®
CAST METAL TECHNOLOGY



Country: Mexico
Product: brake discs and drums
Metal: cast iron

Rassini Frenos SA de CV, manufacturer of brake discs and drums for OEM and spare parts, is one of the biggest and most important plants in reference to vertical molding and not only in casting but also machining its own products. Supply of several production lines. The installation in 2000 comprised a complete production line around two vertical moulding machines.



Country: Hungary
Product: exhaust manifolds, turbo-housings
Metal: ductile iron

Weslin

Concept engineering, project management, detail engineering and supervision of the installation of a complete Greenfield foundry for exhaust systems.

Turnkey Sand Preparation Plant, design and supply of a 200 tons/hr green sand system with two vacuum cooling mixers.





Country: Germany
 Product: brake discs
 Metal: grey iron

Buderus
 G U S S

Concept engineering, project management, engineering and supervision of the installation of building and equipment for a Greenfield foundry.



Country: UK
 Product: brake discs and drums
 Metal: grey iron

Ford Motor Company

Ford Leamington UK: Concept engineering and turnkey realization of a vertical moulding line with sand plant, medium frequency melting furnace complete with charging system, metal transfer and pouring furnace.



Country: Russian Federation
 Product: excavator parts
 Metal: steel


KRANEKS

Design, manufacturing, installation and commissioning of a No Bake moulding line and sand regeneration plant.





Country: Mexico
Product: cylinder liners for combustion engines
Metal: grey cast iron



Turnkey realization of a complete foundry for the production of engine cylinder liners, including new melt plant and auxiliary systems.



Country: China
Product: pipe fittings
Metal: ductile cast iron



Turnkey engineering and contracting of sand plant and other process equipment specially designed for Saint Gobain PAM moulding equipment. Transfer, re-erection and commissioning of specific equipment from the UK to China.





Country: Germany
 Product: automotive parts
 Metal: aluminium

handtmann
 Ideas for the future.

Turnkey Lost Foam foundry, design and supply of a complete automatic moulding line for 40 flaks per hour. The project comprised lost foam technology, foundry design, engineering, supply of all equipment, installation and commissioning of the completely automated foundry.



Country: Poland
 Product: brake discs
 Metal: cast iron



Turnkey project that encompassed: Concept engineering, site preparation, foundations, buildings, offices and all utilities. Complete foundry equipment with maintenance shop, laboratories, tooling repair and storage. Training and ramp-up services.





Country: France
 Product: heating components
 Metal: ductile iron

BAXI France

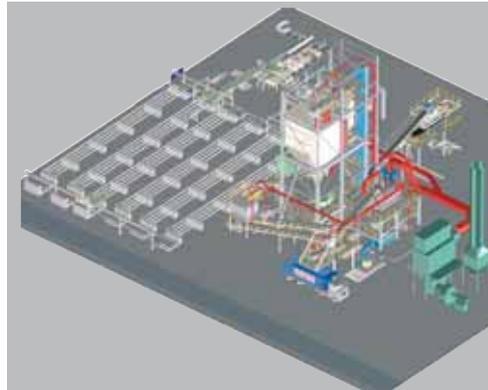
Concept engineering, turnkey realization upgrade and automation of the “end of the line C4”.



Country: South Africa
 Product: cylinder blocks and –heads
 Metal: grey iron



Foundry expansion: concept engineering and project management for the moulding- and core-shop, shakeout, and casting cooling facilities. Turnkey supply of greensand and coresand plants.



Bas van Gemert (Gemco) and Theuns Wessels (Project manager Atlantis) during the official opening.

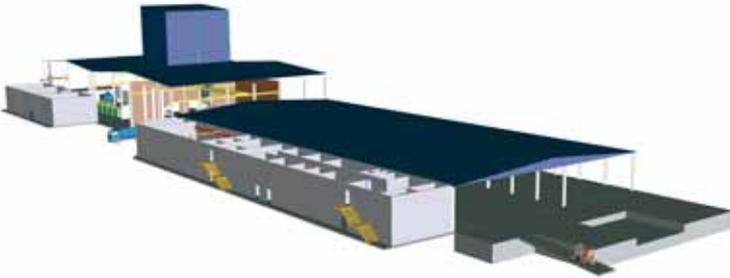
Theuns Wessels: “The first pour, in January of this year, marked the end of a hectic one and a half year and we can now fully concentrate on production again. Gemco provided good support with the execution of the master plan and actual realization of the project. Their overall involvement and collaboration also in those parts of the project that were within our own scope of activities, such as civil works, enabled us to ensure continuation of production”





Country: Iran
 Product: automotive parts
 Metal: ductile/grey iron

Asia Pearlite Casting Industries Co. Concept engineering, site management and overall project management for the realization of a Greenfield foundry.



Country: Sweden
 Product: tools and dies
 Metal: grey/ductile iron, steel

NOVACAST
 TECHNOLOGIES

CAMITO
 a novacast technologies company

Engineering, equipment selection, site management and overall project management of the Hästveda foundry expansion in order to meet the Camito-method specifications.

Conventional pressing/cutting-tools for the automotive industry are made of special tool-steel sections that are mounted on a cast-iron base, a highly labour intensive and time consuming activity. With the patented Camito process the tool steel section can be casted together with the cast-iron base in 1 cast, thus reducing the lead-time. The picture shows a pressing tool manufactured according the Camito process. It shows that the actual pressing part is a single piece that is directly cast onto the cast-iron base, rather than a conventional tool assembled from multiple sections.





Country: Thailand

Product: castings and grinding media for the mining and cement industry. Metal: high chromium

Magotteaux International SA is located in Vaux sous Chevreumont, Belgium, the company is specialized namely in the production of castings and grinding media for the mining and cement industry and other applications. Magotteaux designs and manufactures wear resistant products to neutralize the various constraints encountered in all mill types and to improve the grinding process as a whole. The company considers R&D to be of paramount importance in their business philosophy and continuously invests in the study and design of the various castings required in crushing and grinding equipments Magotteaux has 17 foundry plants in operations worldwide.

Cooperation with Magotteaux comprises: implementation of a concept engineering report, including the formation of the required budget, for the establishment of a Greenfield foundry for grinding media in Thailand. The project includes the design of the overall lay out of the site and the connection to the existing foundry, the engineering of specified equipment for the new Greenfield foundry in Thailand and the project management services for the implementation of this equipment. Further specified project management services to the project management team during the full realization period of this project.

Gemco Engineers B.V.
Engineers & Contractors
Science Park Eindhoven
P.O. Box 1713
5602 BS Eindhoven
The Netherlands
Tel. : +31 40 264 36 43
Fax : +31 40 264 36 40
e-mail: eng@gemco.nl



Country: Russia

Product: automotive parts

Metal: cast iron, carbon steel, aluminium



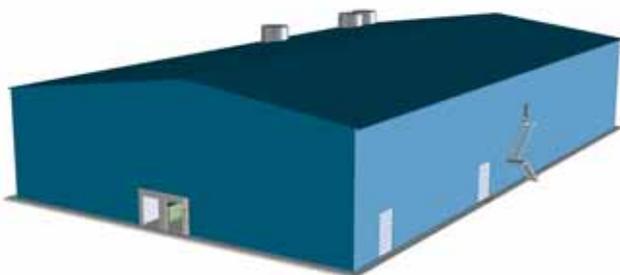
Concept engineering and project management for the construction of a new jobbing foundry for heavy-duty cast iron, plain carbon steel and aluminium castings.

Gemco Foundry Technology de
México, S.A. de C.V.
13 Sur 1901 Col. Santiago
Puebla, México
Tel: + 52 (222) 212 7221
Fax: + 52 (222) 403 3545
E-mail: gemco@gemtel.com.mx

GEMCO International BV
ul. Dostoevskogo 21
103030 MOSCOW
Russian Federation
Tel: + 7 495 755 5713
Fax: + 7 495 755 6974
E-mail:
e.zalevskaya@gemco-international.ru

Knight Wendling GmbH*
Cast Metals
Consultants & Engineers
Kieshecker Weg 240
D-40468 Düsseldorf, Germany
Tel.: +49 (0)211-77 00 6-0
Fax: +49 (0)211-77 00 6-77
e-mail: info@knightwendling.de

*a Gemco company



www.gemco.nl

GEMCO[®]
CAST METAL TECHNOLOGY

A complete and up-to-date reference list can be viewed on our website.
Do not hesitate to contact Gemco if you wish to receive more information.