



# MODELMAKERIJ HENGELO

WORLD CLASS ROTATION MOULDS EXPERTISE

DESIGN

PATTERN MAKING

ROTATION MOULDS

PROTOTYPING

DEDICATED SUPPLIERS TO THE AUTOMOTIVE,  
AGRICULTURAL MACHINERY, WATERTREATMENT  
AND FINE ENGINEERING SECTORS



SPECIALISTS IN MOULD PATTERNMAKING FOR THE MANUFACTURE  
OF CAST STEEL, IRON, ALUMINIUM AND PLASTIC PARTS, OFTEN  
WITH A HIGHLY COMPLEX STRUCTURE, AND ALWAYS WITH  
DEDICATION TO PRECISION AND COST-EFFECTIVENESS.



THE DESIGN PROCESS

A high level of investment in software, hardware and staff competence combined with strict design procedures and close collaboration with clients underpin the mould design and production process. Dedication to the latest technology is demonstrated by the sophisticated CAD/CAM equipment installed and 3D design capabilities.

A broad customer base ensures financial stability, constant development of experience and expertise, and effective utilisation of invested assets.

The doubtful cost-effectiveness and integrity of products bought in from low cost emerging sources have, over recent years, been shown to threaten the supply chain to western manufacturers highly dependent on reliable supplies. The slightly higher costs associated with western European sourcing are frequently prudent investments.



As part of the Gietburg Group, Modelmakerij Hengelo can always give a quick response to their customers latest projects.

Modelmakerij Hengelo has a patented process to produce coreboxes to manufacture burrless cores for the foundry industry.

Modelmakerij Hengelo is also leading specialist in the manufacture of moulds for rotation moulding.

A dedicated attitude to client needs is supported by an extensive range of state-of-the-art hardware and CNC equipment, and a staff that is

experienced and whose training is constantly upgraded. Reliability in product integrity, price, delivery and aftersales service

underpin client confidence. The company is a member of Europe's International Association of Rotational Moulding Enterprises and seeks to

contantly offer the highest level of quality, expertise and service.

THE DESIGN PROCESS



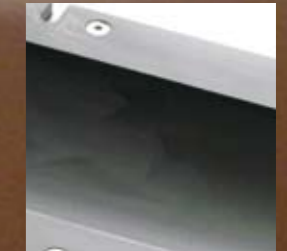
Serving as the basis for a wide range of final customer products, mould manufacture is preceded by detailed design in close collaboration with clients and careful test and evaluation. Minimal shrinkage and high dimensional accuracy combine with a 100 % parting line to ensure top quality. Speed is of the essence such that rapid prototypes are also feasible. Cast aluminium moulds are made by conventional means or increasingly with the aid of CNC equipment.

ALL MACHINING TECHNIQUES



SURFACE TREATMENTS

Moulds are fitted with wearing brushes and surfaces can be textured, coated, polished, shotpeened or sandblasted according to customer requirement. Special surface treatment Hengelo Silver Shadow, and special isolated inserts create perfect holes. Milled moulds provide extra dimensional accuracy and surface etching offers a wide range of effects.





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