



# Information about our company



[www.guenther-hotrunner.com](http://www.guenther-hotrunner.com)

The company of GÜNTHER Heisskanal-technik GmbH was founded in 1983. By 1985 it was already exporting its first hot runner nozzles. DIN EN ISO 9001 certification was obtained in 1998.

The company continued to develop steadily and by 1990 it had a work-force of 40 employees as well as agencies in seven countries, including Italy, England and the USA.

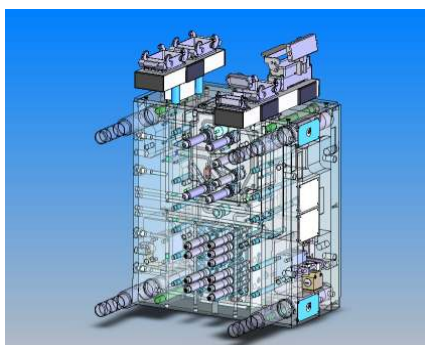
The production building was completed at the end of 1999. The new head office building went into service in April 2000. GÜNTHER has meanwhile developed into an efficient and innovative manufacturer of hot runner systems, supplying to virtually all sectors of the plastics processing industry.

In May 2008 the foundation stone was laid for the 1,800-sq-metre production hall extension.

Today, GÜNTHER employs as many as 200 people and has 33 sales representatives, agencies and branches in Germany and abroad.



## Developments for the future: Innovation and high standards



### New ideas, new horizons

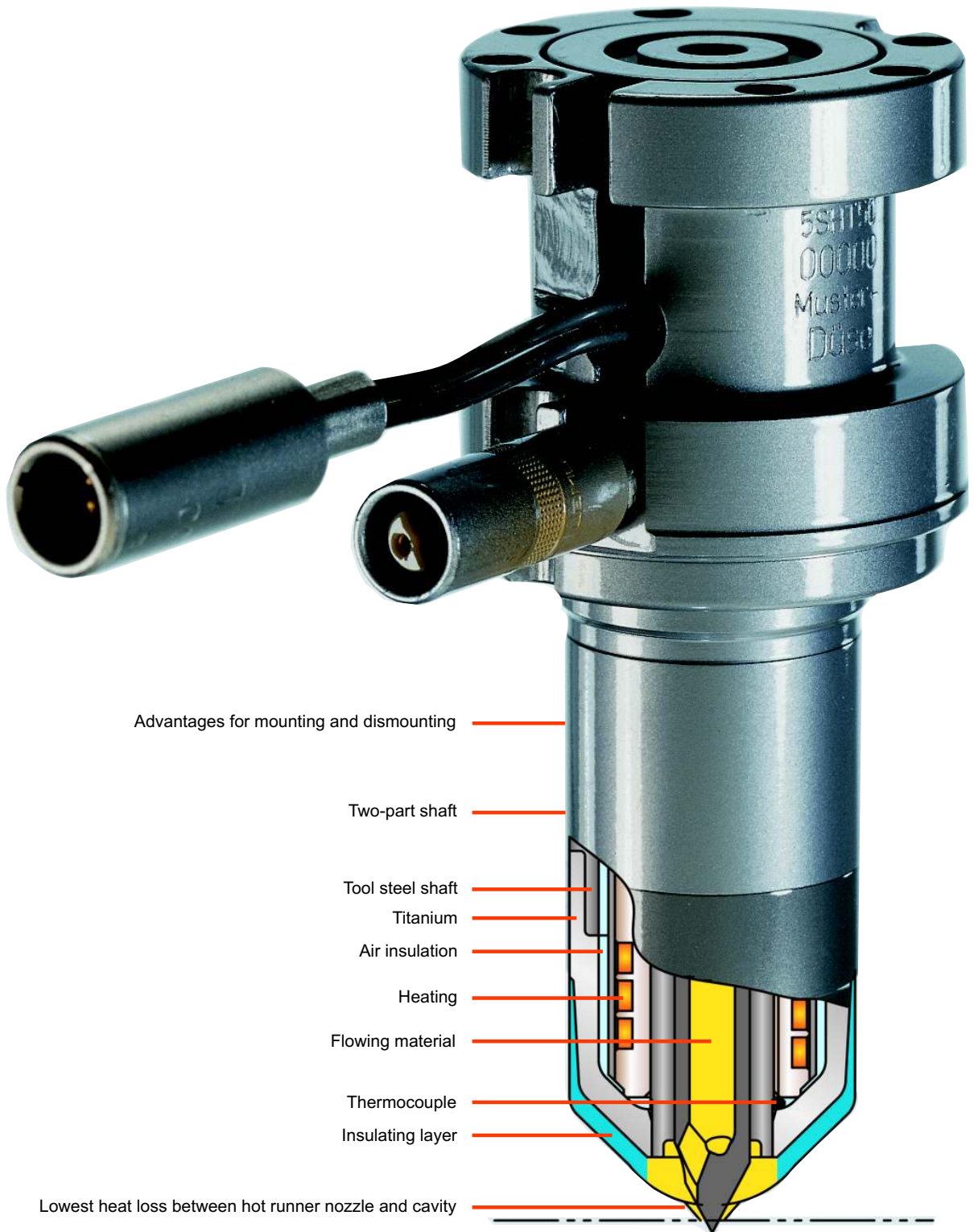
While there is no general recipe for success, there are certain basic criteria which must be satisfied by all means. They are: a well-structured organization, the courage to make changes and customer-oriented management.

Since 1983, GÜNTHER Heisskanal-technik GmbH has been engaged in manufacturing hot runner systems for the plastics processing industry world-wide.

We specialize both in the development of solutions to difficult problems and in the production of high-precision standard and/or complete hot runner systems.

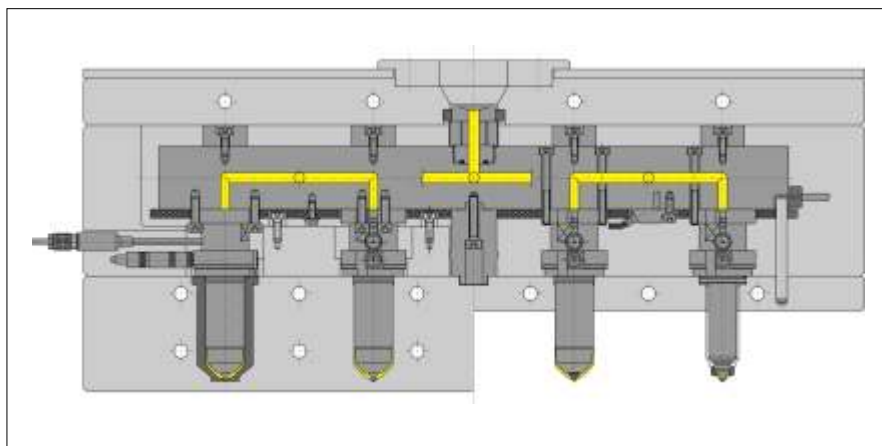
The work of our design engineers is focused on future developments for the full benefit and satisfaction of our customers. Our expertise is entirely at your disposal. Simply call us!







## Innovation is our philosophy



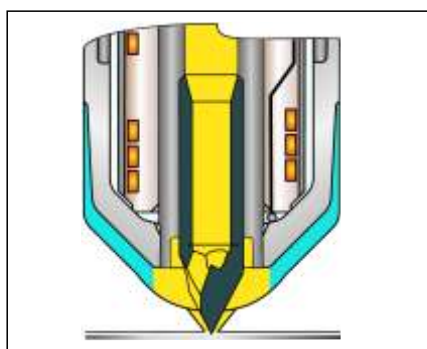
GÜNTHER hot runner systems feed the melt through externally heated pipes from the machine nozzle to the gating points in the mould. The melt flows freely with only a negligible drop in pressure. The system readily permits a complete changeover from one material and/or colour to another.

The hot runners are gently heated by means of external heaters to the required temperature, which is then maintained at a constant level by means of thermocouples working in conjunction with a feedback temperature control system.

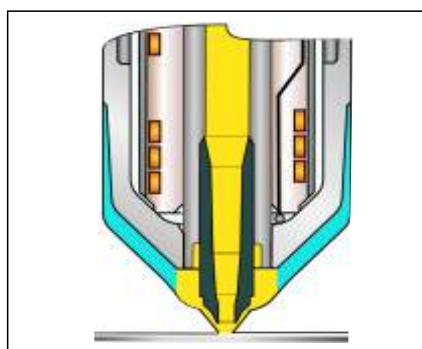
To keep pace with constantly varying demands a wide range of standard sizes and designs is required. Furthermore, some applications call for custom-made solutions going beyond the standard.

The plastics processing industry has come to appreciate the advantages offered by the know-how and experience of our research and development engineers.

The conventional 230 V manifold provides the best prerequisites for hydraulic balancing.



Open nozzle with tip

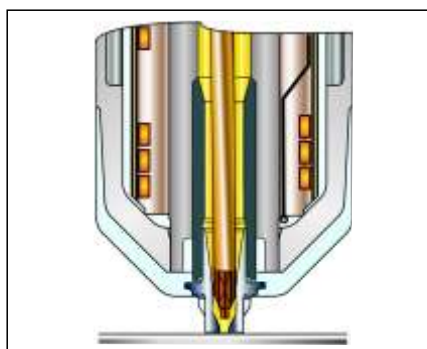


Open nozzle with gate without tip

Featuring many different gate types, GÜNTHER hot runner systems are able to meet every conceivable requirement, no matter how difficult:

- Pitch distances starting at 8 mm (smaller if required)
- Direct gating of part weights ranging from 0.0189 g to 5.000 g
- Nozzle lengths from 30 mm to 400 mm
- Material tube diameters from 2.5 mm to 16 mm

The modular nozzle assembly permits rapid component replacement whenever necessary.



Needle valve gate

The individual nozzles of the SET, DET series, featuring an extended nozzle head for increased heat output, are perfectly suitable for applications with thermally sensitive plastic materials.

All standard hot runner nozzles for multi-cavity systems are also suitable for processing engineering thermoplastics. When processing filled materials (e.g. glass fiber filled polymers), nozzle tips made of a hard metal alloy with very good heat conductive properties guarantee optimal wear protection.