



# 1 General information

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## Extended warranty conditions for hot runner systems and hot halves

The rights and obligations of the purchaser of products from the company

**GÜNTHER Heisskanaltechnik GmbH**

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**35066 Frankenberg (Eder), Germany**

referred to as "GÜNTHER" in the following, are governed in the general sales and supply conditions, which exclusively apply. For complete hot runner systems (manifold with nozzles) and hot halves (nozzle-side mould halves), the special warranty conditions with extended warranty periods (see table) described in the following also apply. The extended warranty period according to the table is limited to:

- a) Hot halves operated with state-of-the-art GÜNTHER control units and GÜNTHER connection components
- b) Complete hot runner systems operated with state-of-the-art GÜNTHER control units and GÜNTHER connection components

### LIMITATIONS

This warranty is excluded in cases of:

- Wear, in particular the normal wear of parts, including nozzle tips, tip inserts, seals, O-rings, piston seals, nozzle needles and other components
- Damage not caused to the GÜNTHER products themselves, consequential damages, personal injury, damage to property and damage or claims arising from production interruptions or delays
- Damage arising from corrosion or the processing of abrasive/aggressive plastics
- Damage arising through utilisation, installation or use by third parties
- Damage resulting from GÜNTHER supplying non-standard parts specified by the purchaser
- Claims based on the use of components supplied, but not produced, by GÜNTHER
- Damage resulting from the purchaser's non-compliance with laws, guidelines, ordinances, rules or generally common practices

- GÜNTHER's general sales and supply conditions also apply unless deviations to these conditions are stipulated in the expanded warranty conditions.

- The applicability of the expanded warranty conditions requires payment of the purchase price in full.

- Rights from these expanded warranty conditions can only be asserted by the original purchaser/user. These rights are not transferable and cannot be claimed by third parties.

### MISCELLANEOUS

The purchaser will maintain and operate the hot runner in accordance with GÜNTHER's recommendations and any possible statutory requirements. The purchaser will fully indemnify GÜNTHER from any claims which cannot be traced back to faulty design, manufacture or maintenance by GÜNTHER.

Obligations from and risks with operation of the hot runner system are assumed by the purchaser. GÜNTHER assume no liability whatsoever for claims in connection with the end products of the purchaser or for any consequential or collateral damage in connection with their use.

Item designation	Number of shots (millions)	Max. time (years)	Stock goods	Availability
<b>Manifolds/Hot halves</b>				
Manifolds, manifold plates	2	5		2 weeks
Heater for manifold and manifold plates	1	3	Yes	1 business day
Hot-half plates	2	5		2 weeks
Pressure pieces	2	5	Yes	1 business day
<b>Nozzles/Nozzle components</b>				
Standard components without heater	2	2	Yes	1 business day
Gate bushings, untreated	2	5	Yes	1 business day
Standard nozzle heating	2	2		
Thermocouple for nozzles and manifold	1	2	Yes	1 business day
<b>Valve gate, needle actuator</b>				
Needle guide in manifold	1		Yes	1 business day
Needle	1	3	Yes	2 business days
Standard nozzle needle guide	2	3	Yes	2 business days
Sliding mechanism	2	2 <sup>1)</sup>		2 weeks
Stroke mechanism	2	2 <sup>1)</sup>		2 weeks
Cylinder for sliding mechanism*	2	1	Yes	2 business days
Cylinder for stroke mechanism*	2	2	Yes	2 business days
Cylinder for single actuation ENV*	2	3	Yes	2 business days
Stepper motor SMA	1	1	Yes	2 business days

\*This does not include seals.

<sup>1)</sup>Components only – installation extra

**The value which is reached first (number of shots or max. time) applies for the extended warranty conditions.**

**This extended warranty does not include any guarantees or comparable commitments.**



## Limitation of liability

We reserve all copyrights to the documents in this catalog. These documents may only be used for the purpose specified by us and may not be reproduced or made accessible to third parties without our permission. Contraventions will result in an obligation to provide compensation for damages.

Our technical application consulting, whether verbal, in writing or through testing, is carried out to the best of our knowledge, but applies only as non-binding information and does not release you from having to carry out your own testing of products supplied by us with regard to their suitability for the intended processes and purposes.

Application and use of the products take place outside our sphere of control and are therefore exclusively your responsibility. For this reason, we cannot be held liable for improper operation during installation, conversion or removal or for the unauthorised opening of manifolds, controllers and nozzles, especially those with a thick-film heating element. Likewise, we cannot be held liable for damage arising from improper handling, wear and tear, storage or other actions by the customer or third parties. According to the statutory regulations, we can be held liable for damage compensation if a breach of duty can be attributed to intent or gross negligence on our part. Should a breach of duty be attributable to minor negligence on our part and an essential contractual obligation be culpably breached, the liability for damage compensation will be limited to foreseeable damage typically occurring in comparable cases. Our liability for injury to life, body and health and in accordance with the regulations of the German Product Liability Act also remains unaffected by this. Apart from this, we cannot be held liable.

### CADHOC®

We would like to point out that CADHOC® is an automatic system design program and that we reserve the right to make technical changes at any time.

Technical application consulting from GÜNTHER applies only as non-binding information and does not release the ordering party from having to carry out their own tests of products supplied by GÜNTHER with regard to their suitability for the purpose intended by the ordering party. The ordering party themselves are responsible for the usefulness of ordered products supplied by us in specific individual cases, as this lies outside GÜNTHER's sphere of control. GÜNTHER will be fully liable for CADHOC®-based consulting in accordance with the statutory regulations regarding damage compensation if a breach of duty can be attributed to intent or gross negligence on the part of GÜNTHER in this context. Should a breach of duty be attributable to minor negligence on the part of GÜNTHER and an essential pre-contractual obligation be culpably breached, the liability for damage compensation will be limited to foreseeable damage typically occurring in comparable cases. Apart from this, we cannot be held liable.

Naturally, we guarantee the faultless quality of our products in accordance with our general sales and supply conditions, which can be found on our website [www.guenther-hotrunner.com](http://www.guenther-hotrunner.com) in the "Download" menu.