

Hotrunner & Filter

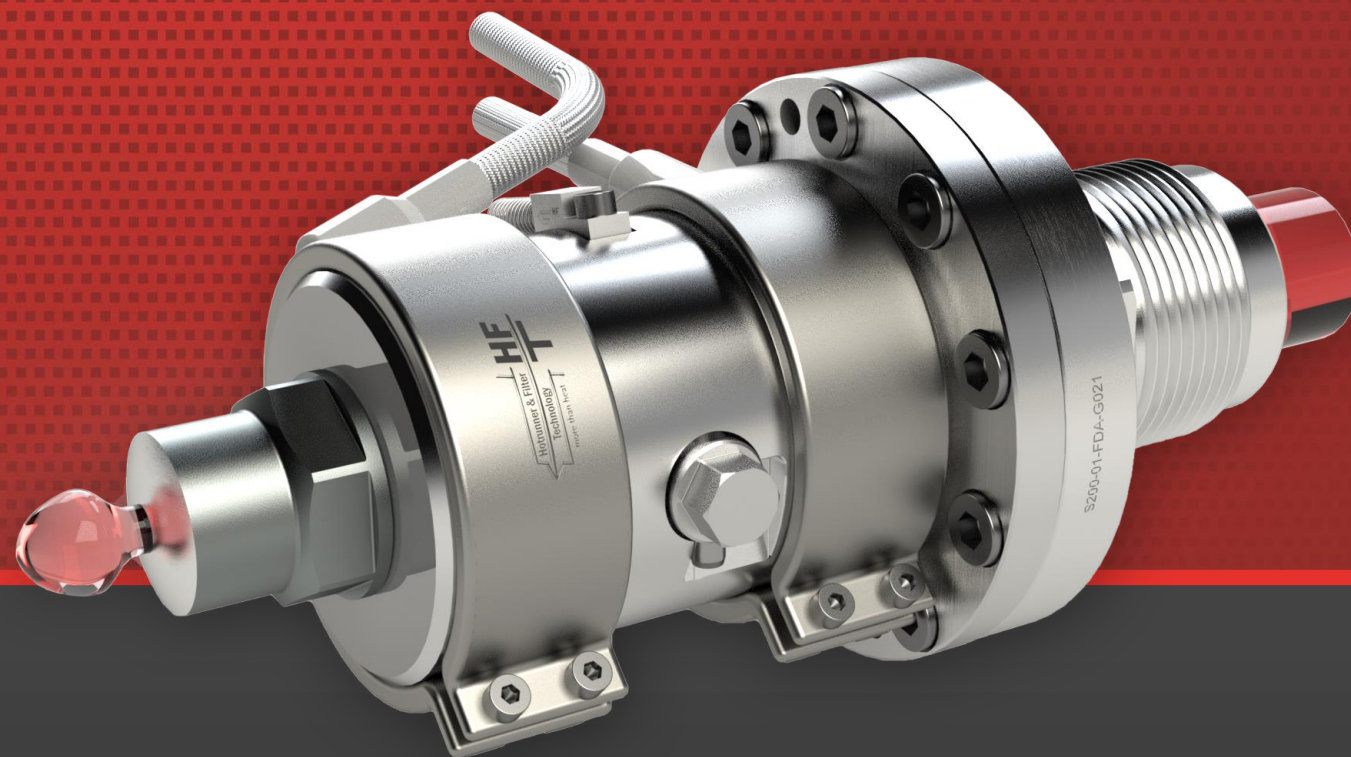
Technology

more than heat

**HF**  
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TECHNICAL INFORMATION

# RECYCLING ? FILTER NOZZLE !



# GENERAL INFORMATION FILTER NOZZLE



## technical specifications:

- filter nozzle series 100 for shot weights up to 150g (depending on material and injection time)
- filter nozzle series 200 for shot weights up to 5000g (depending on material and injection time)
- electrical connection 230 volts
- exchangeable heater  
depending on the nozzle size with 550 watts or 1200 watts
- exchangeable thermocouple type J (Fe-CuNi / DIN EN 60584)
- filter sizes F (mm): 0.15 / 0.20 / 0.40 / 0.70 / 1.2 / 2.0 / 3.0
- maximum permissible injection pressure 2200 bar

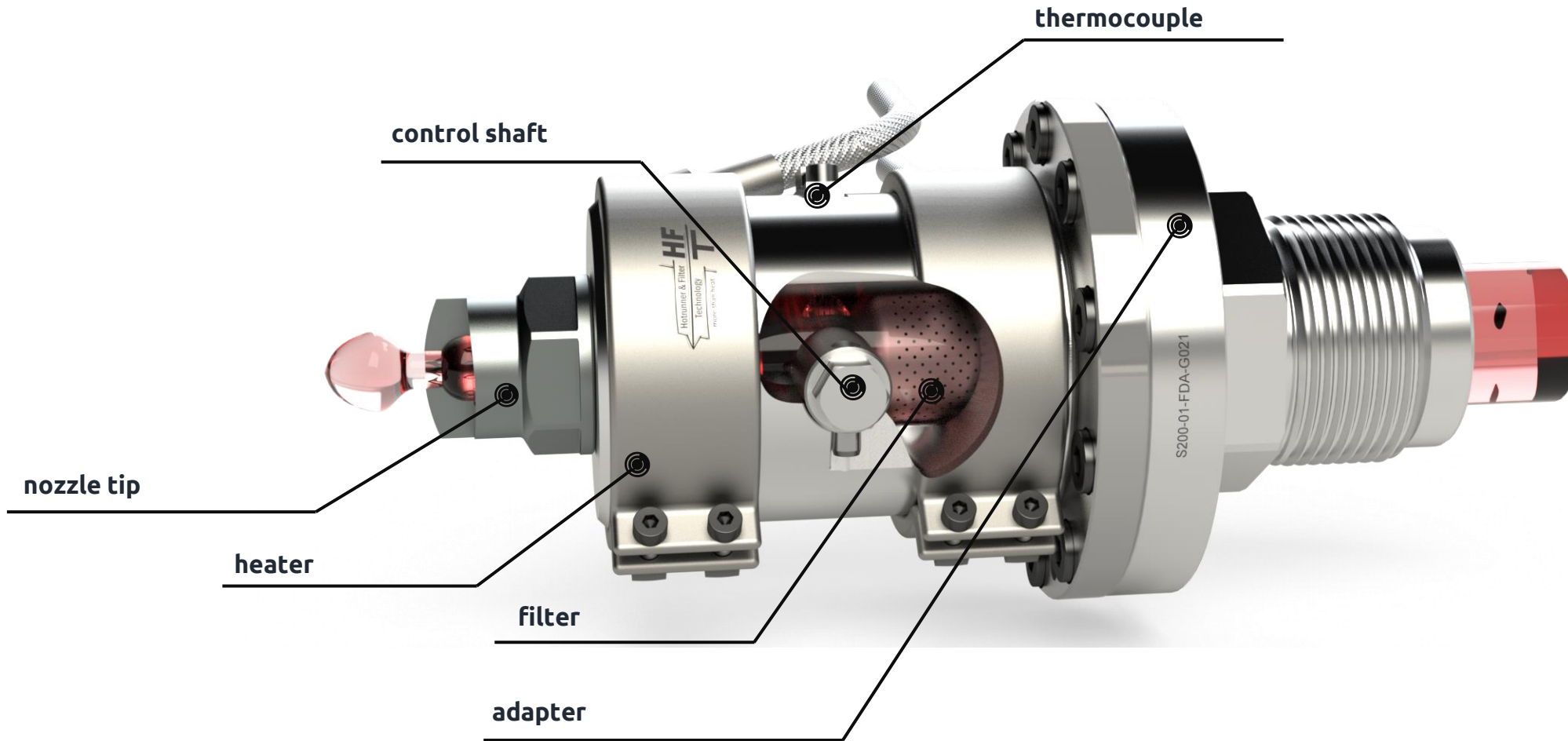
# ADVANTAGE OF USING FILTER NOZZLES



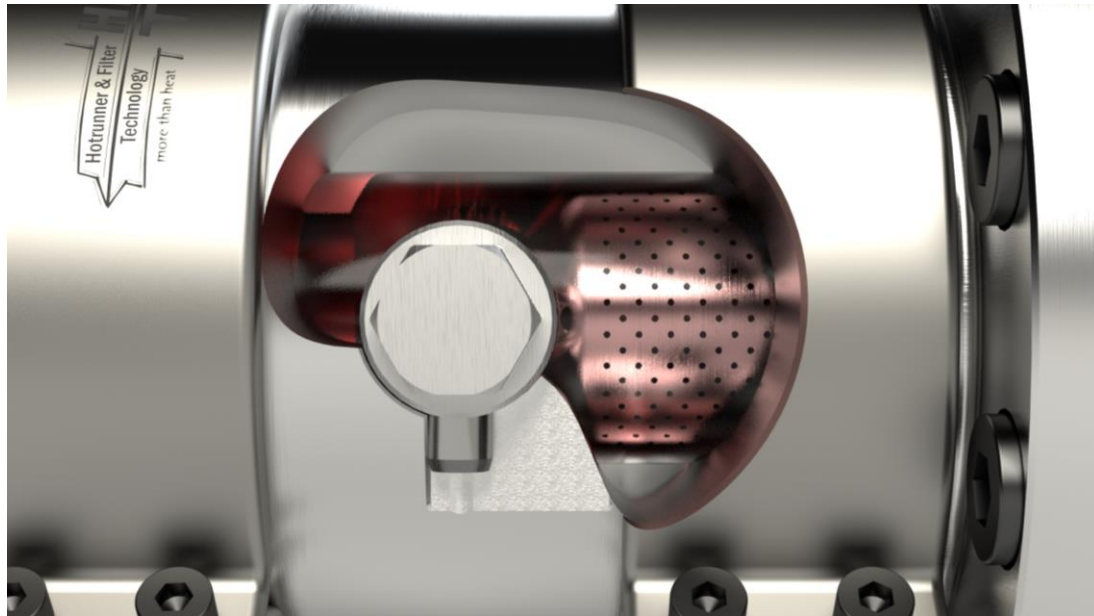
- modular system, simple structure, robust in production
- no dismantling necessary to clean the filter body
- suitable for every injection molding machine
- long service life even with glass filled plastic
- improved homogeneity of the plastic melt
- improvement of the color mixing
- filter sizes can be adapted to the degree of pollution
- can be used for all thermoplastic materials
- low pressure loss due to optimized melting holes



# STRUCTUR FILTER NOZZLE



# HOW THE FILTER NOZZLE WORKS



## cleaning in 7 steps

- 1· lift off the injection unit
- 2· turn the control shaft to the 90° flushing position
- 3· allow the plastic to flow open for approx 1 minute
- 4· turn the control shaft 90° back to the closed position
- 5· let the plastic flow for about 30 seconds
- 6· remove material
- 7· start production

# OVERVIEW ADAPTERS AND FILTERS



connection adapter



nozzle filter



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