



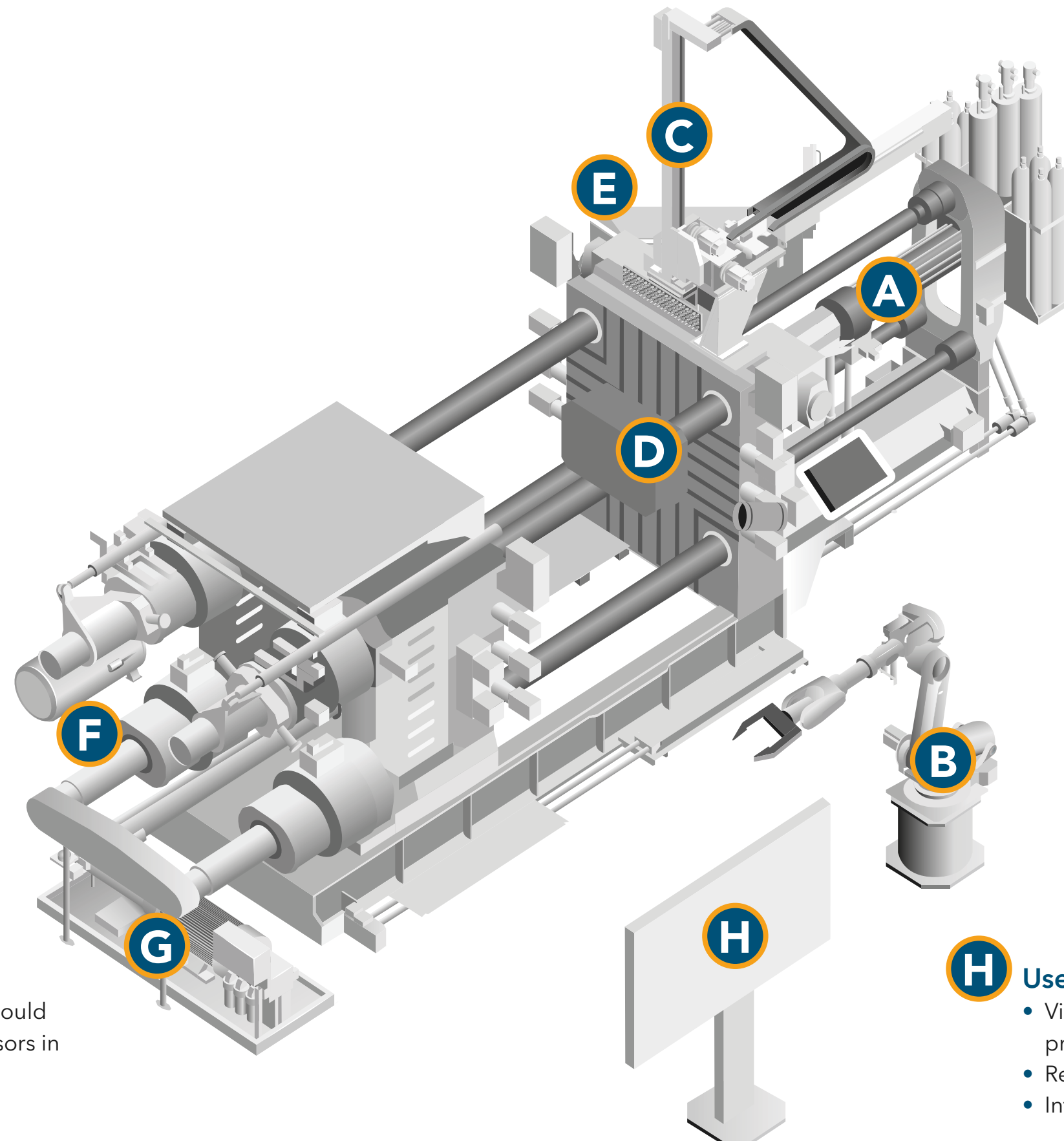
# CastVisu

Shot Control and visualised  
process monitoring

# The integration of sensor technology

The integrated SPC logic offers more than 30 monitored process parameters. Existing or additional sensors can be integrated.

We use it to calculate casting curves, temperatures, mould, melt, gate, residual press thickness, vacuum, spray quantity and much more.



- A Shot parameters**
- Recording and calculation of all shot parameters

- B Robot/punch press**
- Capture data from punch press
  - Reject signal to robot

- C Sprayer**
- Flow measurement
  - Measurement of the spray quantity per shot

- D Mould temperature**
- Temperature sensors in the mould
  - Embedding temperature sensors in the mould

- E Holding furnace**
- Measurement of the melting bath temperature
  - Level detection for melt supply

- F Vacuum**
- Measurement of the vacuum via pressure transmitter

- G Energy measurement**
- Measurement of Energy consumption per machine component (furnace, machine, punch press or entire cell)

- H User terminal**
- Visualisation of all parameters of the casting process
  - Representation of the statistical course
  - Integration into the Schertech Shopfloor Suite



# We know the die Casting Industry

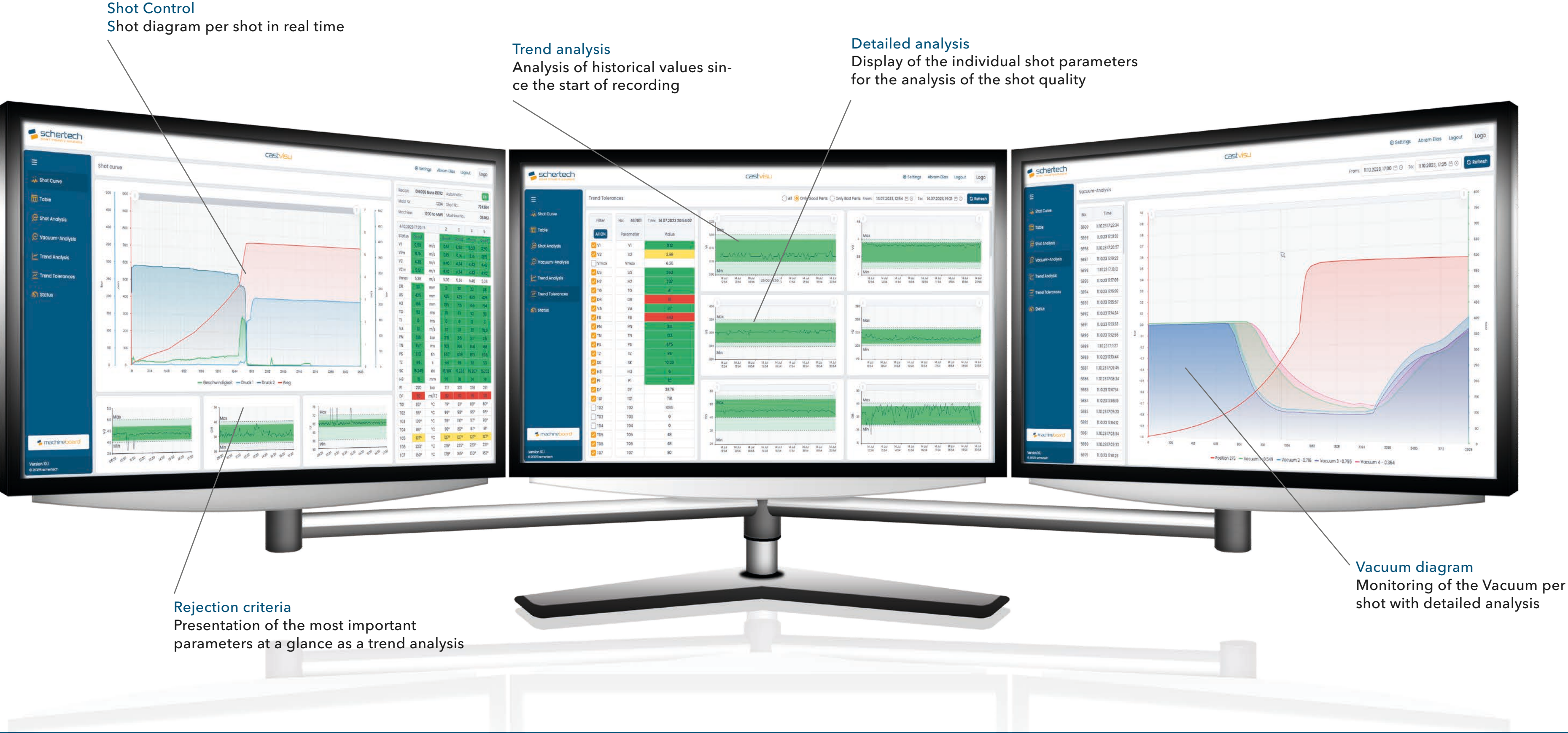
We come from the world of aluminium die casting; we have brought our experience into software development. Our mission is to bring transparency into the complex world of the foundry. You can rely on Schertech's practical solution at any time.

Every single shot is documented and trends can be analysed directly in order to derive measures for optimisation.

The machine is not affected by this. The data is collected using existing sensors.

The new focus is on increasing productivity and quality.

Take a look at our solution, you will be thrilled!



# CastVisu: A process data measuring system for all your die casting machines.

CastVisu finally gives you clarity and transparency about the key figures in your plants - simple and comprehensive at the same time.

**Unique:** Schertech's CastVisu provides complete and manufacturer-independent process monitoring on all die casting machines of any generation - integrated into the entire digitalisation of your foundry.

Monitor your production comfortably on screen in real time:

- Shot Control
- Scrap rate
- Downtimes

Contact us now and convince yourself in a non-binding live presentation without obligation. Your personal contact person:

**Johannes Beiten**  
**+49 2253 312 778**  
[jbeiten@schertech.com](mailto:jbeiten@schertech.com)

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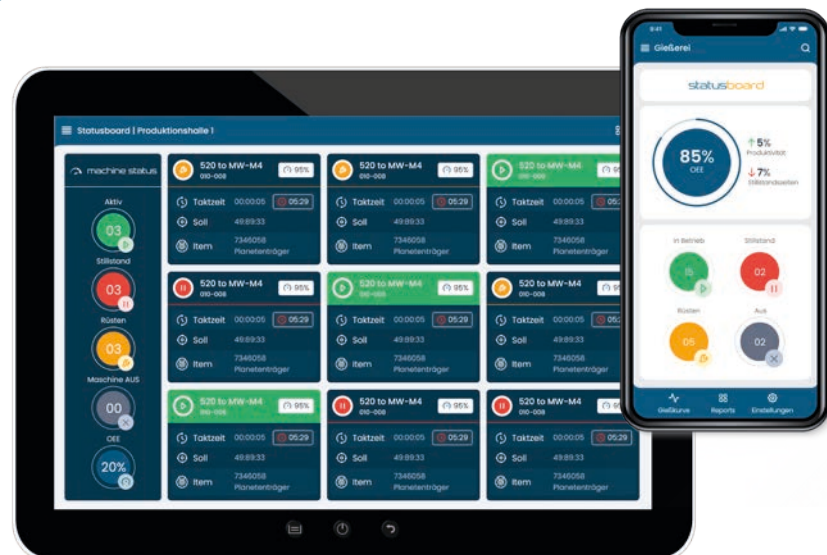


**CastVisu** is your modern shot control and visualised process monitoring for all your die casting machines. Flexible, precise and manufacturer-independent.

## About us

Schertech is a spin-off of Auto Heinen and can look back on 80 years of experience as a die casting company in the automotive industry. The focus of our activities lies in the digitalisation of series production. We have solutions that are made for the needs of the shop floor.

Kaizen at all levels is our key to success: a modern way of thinking and the pursuit of constant optimisation characterise our philosophy. Renowned SAP partners already rely on our expertise.



**We bring transparency  
in your production.**



Schertech GmbH  
Heinenstraße 9-15  
D-53902 Bad Münstereifel

[www.schertech.com](http://www.schertech.com)  
[info@schertech.com](mailto:info@schertech.com)  
+49 2253 3120