

A close-up photograph of a large industrial grinding machine in operation. A dark, cylindrical workpiece is being ground by a large, dark grinding wheel. A massive spray of bright orange sparks is being ejected from the point of contact between the wheel and the workpiece. The machine is white and grey, with various mechanical components visible. The background is slightly blurred, showing more of the industrial environment.

**MAUS CAAT**

optimises your MAUS machine to top performance

**Reichmann**  
CASTING FINISHING



# WITH **MAUS CAAT** EVEN MORE IS POSSIBLE.

**World novelty:** Automatic optimisation of MAUS machine programs in new dimensions.

With the brand-new self-optimisation software „computer aided automatic tuning“ for the MAUS machines, short: „MAUS CAAT“, you will benefit from even higher performance and time savings in automatic grinding.

In every machining program, no matter how good it is, there are small or larger potentials for optimisation - MAUS CAAT discovers them all. The patent pending software opens up completely new dimensions for programme optimisation, which would be extremely time-consuming and impossible to achieve to this extent without software support.

**Get started now with MAUS CAAT!**

Applicable for the entire MAUS machine line:



MAUS 600



MAUS 600 TD



MAUS 600 TL



MAUS 900 TL



MAUS 1400 TL

## INCREASE YOUR PRODUCTIVITY IN THE SHORTEST POSSIBLE TIME.

MAUS CAAT analyses the program code block by block and iteratively increases the feed rate wherever there is potential for increasing the spindle and drive power. In this way, you achieve up to double-digit percentage values of additional time savings and productivity in the shortest possible time when working with your MAUS machine.



Increasing the spindle current block by block over several parts

## EASIEST PARAMETERISATION.

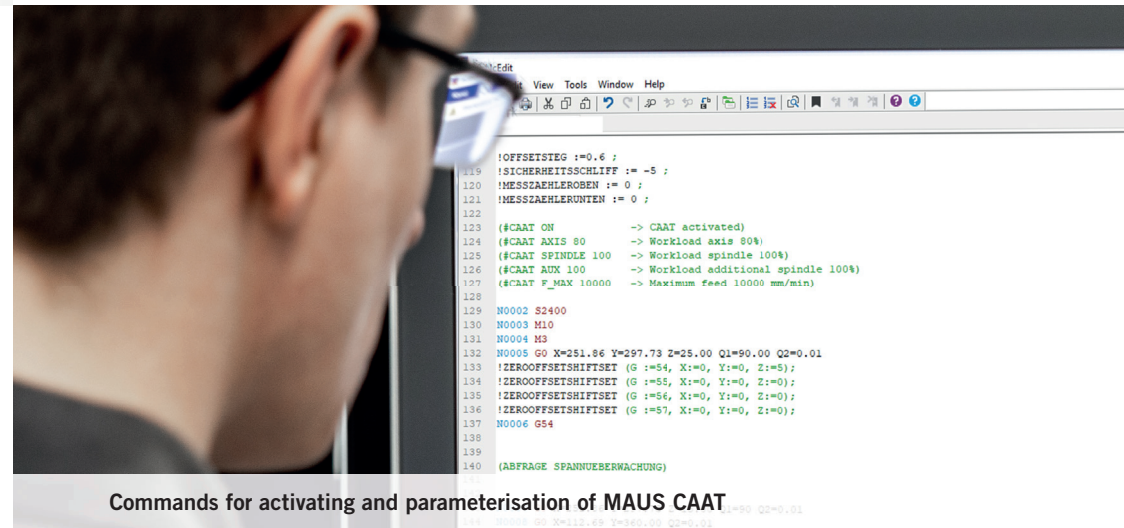
You know your casting like no other. Use this knowledge to apply MAUS CAAT in a targeted, parameter-controlled manner. Using and activating the software is very simple.



Reduction of the cycle time to increase the output quantity

## USE THE HIGH POWER DENSITY OF YOUR MAUS MACHINE.

With MAUS CAAT, Reichmann is taking the first steps towards IIoT, Industry 4.0 / 5.0 and artificial intelligence. For the first time, the machine data such as the spindle and drive power during grinding are available to the operator in a structured form and can be used for optimisations manually and automatically. You get higher material removal rates, produce more parts and save valuable time during optimisation.



Commands for activating and parameterisation of MAUS CAAT

