



WE ALL KNOW THAT TIME IS MONEY

So save both with the **GROB non-machining time optimization**

We can get more out of your machine by improving the performance of the NC-axes and by optimizing the motion sequences.
As manufacturer, we know your machine better than anyone else.
Thus, we optimize without increasing the wear and without affecting the warranty.

A GROB non-machining time optimization stands for:

- + 100 % transparency and calculability.
- + You only pay what you save.

We earn on every percentage point by which we shorten your cycle time for you. Fair and cooperative.
The savings are especially attractive for machining processes with high non-machining times.

THE BENEFITS TO YOU:

- + Increasing the output quantity:
More parts per time
- + Cost savings by reducing the unit costs
- + Saved machining times can be used for preventive maintenance works
- + The cost-benefit-ratio can be clearly calculated and is transparent

REQUIREMENT:

- + System machine development stage 5 with Siemens Solution Line from software version 2.6

HAVE WE AROUSED YOUR INTEREST?

1. Information gathering

We can do a lot for you, but not everything.

- In which operation sequence do you require a non-machining time optimization?
- How many and which part types would you like to optimize?

By means of a GROB parameter file and the trace function at the machine, a coordinated measurement file called „GTRACE“ is created for the non-machining time optimization, which is used for the assessment of the optimization potential. We also require your NC archives. Of course, the information gathering can also be carried out by a GROB technician.

2. Determination of the optimization potential:

So you know how much we can get out for you.

We then analyze the gathered data and determine your optimization potential. A solid analysis takes time, but it will pay off later for you.

When ordering the non-machining time optimization, the costs of the analysis will be balanced one-to-one according to the number of the various assessments and non-machining time optimizations. At the end of the day, it is you who decides what increase in performance should be achieved.

3. Implementation of the non-machining time optimization

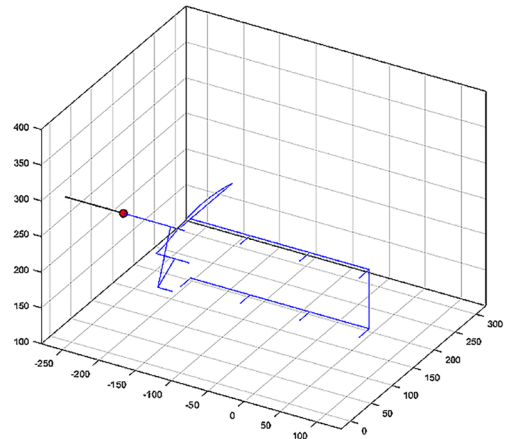
1-2 days per machine worth it.

Our service includes:

- Optimization of the NC programs
- Implementation and test on site
- Documentation of the current cycle time for the listed operation procedures

EXAMPLE:

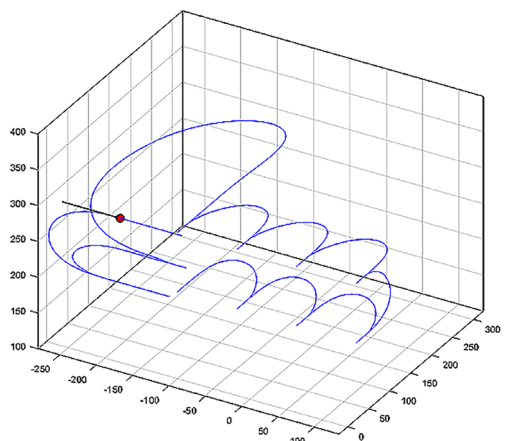
Linishing the traverse paths during drilling.



Conventional programming **non-machining time: 7.62**

SAVINGS

16%



After optimization **non-machining time: 6.39**

PRODUCT STORY:



You will find further information in our Product Story „High Performance Programming“ via the QR code or the link below:
<https://www.youtube.com/watch?v=RNRRUpy1bfg>