

Success Story

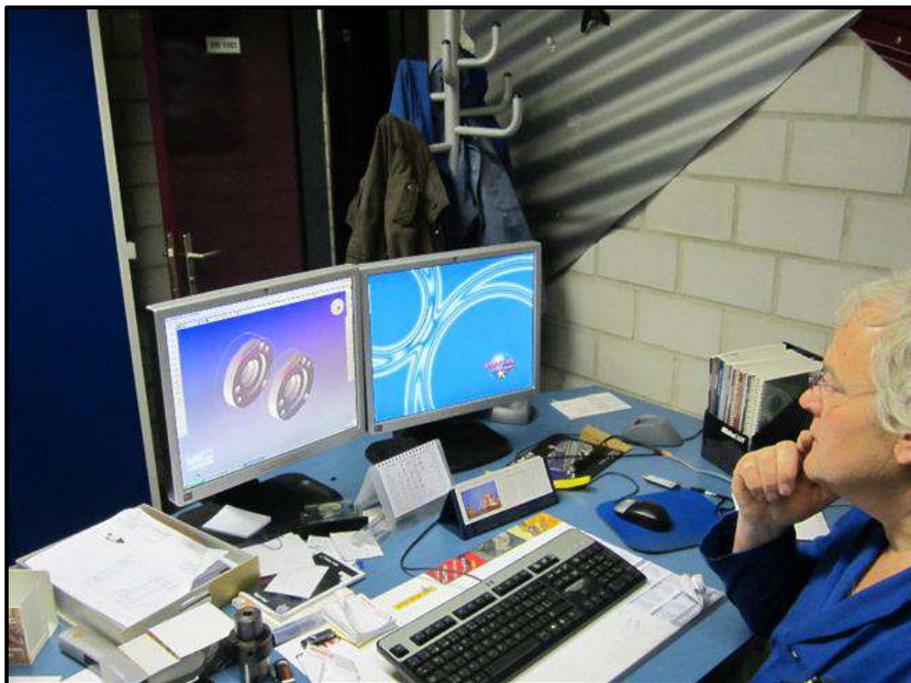
Founded in 1986, Pomtava is a Swiss company carrying on the tradition of precision and reliability with its highly qualified staff operating the latest machines. The company is providing paint pumps, paint chargers & pump components worldwide. The company is strong reputation in many applications such as industrial and automotive paintwork, chemicals or laboratories. Pomtava has the control over their entire production chain and exports 98% of their production output. 8 years ago, they decided to use GibbsCAM software to be more competitive. Today they know that it was the right choice. Here is the story of their success...

Back in 2004 Pomtava began research to improve their productivity by adding new NC machinery. After a careful evaluation of what was available they decided to buy their first 5 axis milling machine and GibbsCAM. Thank to the efforts of Mr. Beguelin who invested his time in this project, the quick delivery of the first machine and the training by the Productec team, the full solution was quickly implemented and productive.

After this positive experience, Pomtava decided to use GibbsCAM to program all of their CNC machines. Pomtava has now more than 15,000 separate parts in their production which need to be provided "just-in-time." Currently Pomtava can guarantee the delivery of any of these parts in 3 weeks or less. "GibbsCAM is a big help for our just-in-time production system" said Mr. Zimmermann, the General Manager of the company.

To be more efficient, they develop new products in their CAD system and send the files direct to the GibbsCAM software. "I can easy load without any changes to the files from the CAD department and start programming the part" said Mr. Béguelin, the GibbsCAM programmer. "

This direct connection between a CAD system and GibbsCAM offers flexibility and allows Pomtava to gain a lot of time.



M. Béguelin at his desk programming another part with GibbsCAM

By 2010, the success of the company caused them to research a better solution for production. Once again looking at the machinery technology available, Pomtava found a great machine with the Mazak Integrex 200IV that perfectly meet their needs. Thanks to their original choice of GibbsCAM, by just adding the MTM module, they were able to completely program this new powerful machine without any editing at the control. Every programming step is made on GibbsCAM including part transfer from spindle to spindle, synchronization of turrets and so on.

The main reason for their choice of the Mazak Integrex was the ability to completely finish the parts on 1 single machine, highlighting the Mazak theme of Done In One.

Another advantage of the Integrex is also the number of tools available. The operator doesn't have to change tools because a lack of tools available before machining a new part. All the tools are preset once and thus available for all the parts made on the Integrex. They can now set up the machine for a new part in less than 2 hours. This increase the flexibility and the optimization of the machine.



M. Béguelin with Pomtava's Mazak Integrex 200 IV

With the help of GibbsCAM software and the Mazak Integrex, Pomtava is now free to develop new competitive products. The CAD designers know that the factory is able to manufacture and finish complex parts at once. Everyone is predicting a very successful future to this Swiss company. Our most special thanks for Productec for their efforts and for providing this story.



Sample parts, typical of those programmed with GibbsCAM and machined on the Integrex at Pomtava

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