

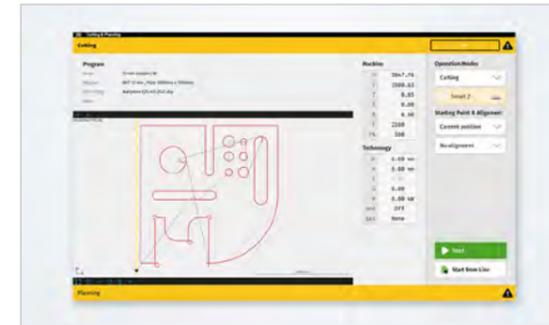


iMSNC®

Smart solution for multi-technology work

iMSNC® from MicroStep is one of the most advanced control systems for CNC cutting machines. It was developed to easily, reliably, and efficiently turn cutting plans into finished parts with the help of a clear and modern user interface. The system's hardware consists of a stand-alone control console with a TFT touchscreen and a control panel with an LCD display mounted on the gantry. In order to achieve maximum utilization and flexibility of our machines, the ergonomic control console offers the opportunity to nest new cutting programs and generate new CNC codes during an ongoing cutting process. As the iMSNC® control system and all CAM software solutions come from our company, the software with its versatile modules can be individually customized for your production. Parameter databases for individual technologies enable consistently high quality under various circumstances. iMSNC® comes with multiple efficient evaluation tools for production process optimization. These provide you with the much-needed overview of current cutting orders, cutting times, cost calculations and machine utilization in day-to-day production.

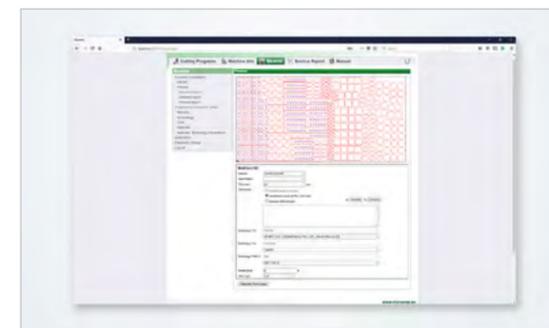
- 17" touchscreen (optionally 24")
- Efficient management of tool data
- Very short programming times
- Fast data transfer
- Flexible and easy to use
- Advanced cutting simulation for more work safety
- Convenient contextual help via pop-up bubbles



Transparent and easy-to-use user interface

Besides standard features (test run, mirroring, scaling, rotation of cutting plans and many more), the iMSNC® control system incorporates advanced functions such as preparation of cutting plans during machine operation, jog mode, reverse motion, global marking, parametrical dynamic piercing, kerf compensation, automatic plate alignment, restart of cutting from point of interruption after voltage breakdown, virtual tool magazine – a customized database of parameters for all technologies.

The optional 24" monitor displays all data for preparation of cutting in a single screen and thus provides an even clearer overview of the cutting process. Additionally, its configurable right part contains shortcuts to up to 5 custom applications in each screen.



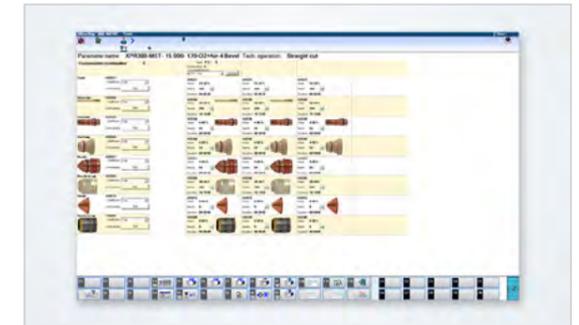
Monitoring and evaluation of production

iMSNC® includes a novel web-based interface for accessing each machine from the company intranet via a web browser. Each machine has its own home page which serves as a gateway for intranet applications.

Management of Cutting Programs (MCP) – remote management of cutting programs allows to define priorities and relations between cutting programs and materials, and to distribute the cutting tasks to several machines

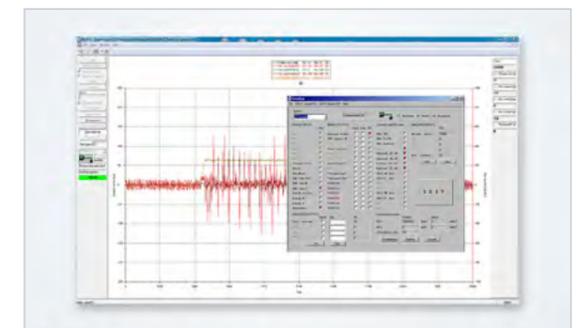
EkolInfo – evaluation of machine operation costs for a particular cutting program

Machine Info – monitoring of machine and operator activities that enables to assign performance information to work shifts and to create specific technological records



Monitoring of consumables

For all businesses, continuous cost monitoring is one of the most important tools. iMSNC® offers useful commercial support with monitoring of consumables. At the touch of a button you can evaluate the states of your consumables and the probable number of remaining piercing cycles.



Remote diagnostics

With iMSNC® and numerous remote maintenance modules, MicroStep offers the best foundation for fast and competent help via remote dial-in. Nearly all electronic components can be evaluated and diagnosed using MicroStep's software. Thus, in more than 90 percent of all cases, machine downtime can be remedied quickly and easily without the need of a service technician on site.