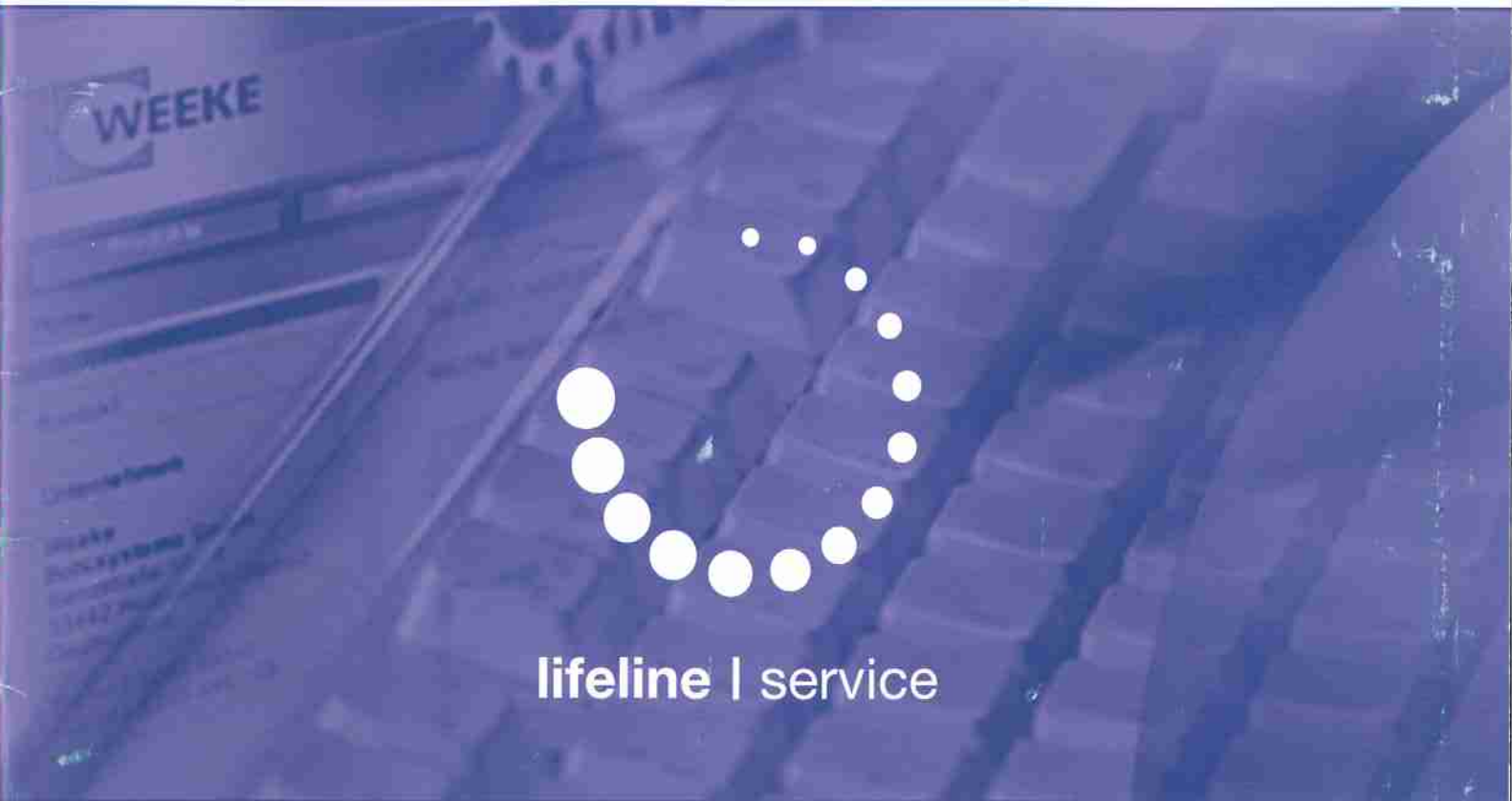


6-280-11-1247

WEEKE Software

The complete software range



lifeline | service



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WEEKE Software guarantees your success!

Our comprehensive software offer combined with the knowledge of how it is handled secures the compatibility with our machines, our offer also guarantees greatest possible flexibility and at the same time a high level of working reliability.

An experienced team of software specialists present a software package that fulfills all requirements for the integration of your machine into your enterprise.

Our aim is to offer comprehensive support to assist you and your company success. Profit from our scope of software modules which guarantee full compatibility with our machines.

Use all advantages:

- » Complete packages to integrate the machine into your manufacturing process
- » Investment benefit by downward-compatible development
- » Modules which are perfectly tuned with each other
- » Modern software architecture

WEEKE software offers you a broad range of machine-oriented software for the successful integration of the machines into the manufacturing process. Select the optimal configuration for your needs from a wide variety of modular software.

You have an individual requirement?

We have a high level of experience regarding customized software development which you will profit from.

Please contact us:

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woodWOP 5.0

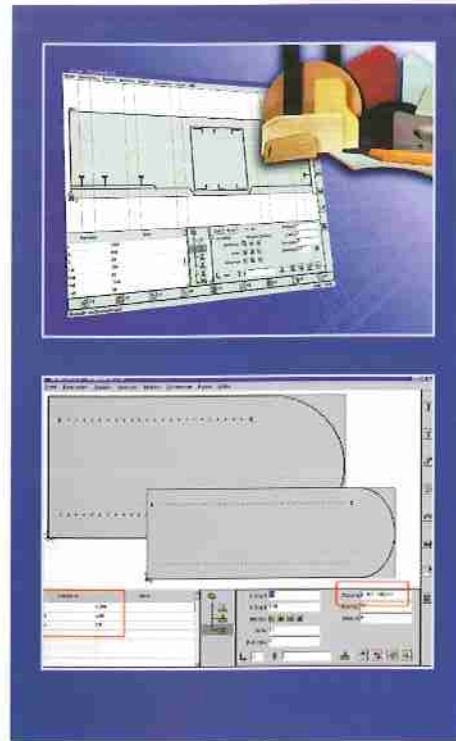
The CNC programming system from the HOMAG Group

woodWOP is a workshop-orientated programming system (WOP) that was specially developed for Windows and exploits the strengths of Windows.

woodWOP provides the convenience of Windows applications. This applies for example to cutting, copying and pasting machining steps as well as zooming. As a result familiarization time is minimized and the application is very easy to use with familiar tools.

From the workpiece description to the CNC program.

It is possible to very quickly and easily generate the geometry of the workpiece using numerous drawing functions. So-called macros are available for the entry of machining steps. The contours programmed previously are assigned to these steps.



Advantages:

- » One macro for each machining step
- » Arbitrary shape pockets
- » Matrix macro
- » Graphic tool selection
- » Variant programming
- » Component system
- » Suction cup suggestion
- » Combination of programs
- » File preview and MPR browser (optional)
- » Context-sensitive on-line help
- » Interfaces: DXF, MPR, PRJ (optional)

System requirements:

- » PC with Windows 98, ME, NT4, 2000 or XP
- » At least 128 MB RAM
- » 150 MB hard disk space (136 MB help!)
- » Screen resolution at least 800 x 600 pixels

System requirement, machine:

- » PC control unit

Demo Version

Available on our web site www.weeke.de in Services, Software.

woodWOP Tools

Software collection for CNC programming

woodWOP Tools represents a collection of software for making work easier during CNC programming. If you want to engrave a logo, nest parts or manage your woodWOP programs or components efficiently, there is a software module available for each of these tasks. The software modules are optimally integrated into woodWOP.



woodType
Routing text

woodType is an easy to use text editor for woodWOP. With the aid of this module logos and text can be prepared using Windows TrueType fonts and then routed. Among other features, the following editor functions are available: font, font size, text alignment, text scaling, bold/italic.



woodWOP Mosaic
File preview and MPR browser

To be able to effectively utilize an increasing number of programs, a graphic preview on file selection makes the software considerably easier to use. Using the MPR browser, woodWOP files and entire folders can be managed graphically. Programs can be loaded or added using Drag & Drop.



woodNest Basic
Software for nesting shaped parts

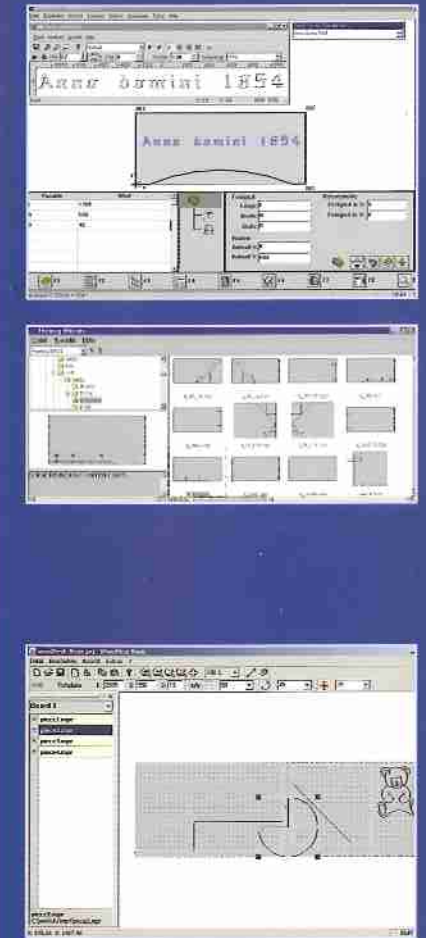
While automatic solutions for industrial applications have already been developed (woodNest Professional), today an elegant, straightforward solution for one-off applications is missing. This gap is now closed by woodNest Basic. woodWOP programs (individual parts) can be directly nested manually (drag&drop). The individual workpieces can be positioned and rotated using the mouse.

System requirements for Basic or Professional:

- » PC with Windows 98, ME, NT4, 2000 or XP
- » At least 128 MB RAM
- » 50 MB hard disk space
- » Screen resolution at least 800 x 600 pixels
- » woodWOP-AV station version 4.5.630.0 or later

Demo Version

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woodWOP DXF Basic

The interface for CAD data import

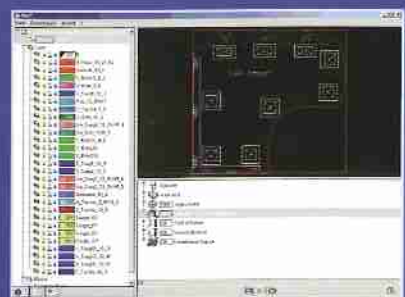
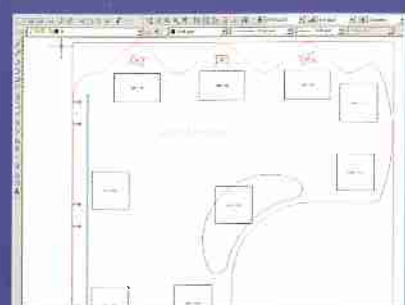
The interface for CAD data import.

- » Workpiece geometry import from CAD systems
- » Application of defined machining steps from CAD systems
- » Generation of machining steps

With the aid of pre-set rules, standard information for wood machining can be obtained from the DXF files. Machining steps, e.g. holes, can be assigned to the individual drawing layers. The machining steps are then generated automatically when the data is imported.

What could be more useful than to exploit the design features of CAD systems and to choose the most direct route from design to production on a routing machine or a machining center?

The widely used, independent DXF format for the exchange of CAD drawings is used as the basis for the generation of woodWOP programs.



Advantages:

- » *Geometry import*
Pockets, holes and suction cup positions can already be defined in the CAD drawing
- » *Generation of machining steps*
Machining steps, e.g. holes, can be assigned to the individual drawing layers

System requirements for Basic or Professional:

- » PC with Windows 98, ME, NT4, 2000 or XP
- » At least 128 MB RAM
- » 200 MB hard disk space
- » Screen resolution at least 800 x 600 pixels

Demo Version

please order via info@weeke.de



woodWOP DXF Professional

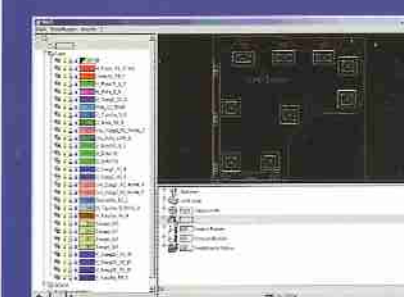
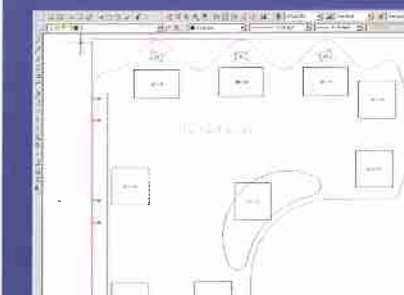
The interface for CAD data import

The interface for CAD data import.

- » Workpiece geometry import from CAD systems
- » Application of defined machining steps from CAD systems
- » Import rules can be configured as required

What could be more useful than to exploit the design features of CAD systems and to choose the most direct route from design to production on a routing machine or a machining center?

The widely used, independent DXF format for the exchange of CAD drawings is used as the basis for the generation of woodWOP programs.



Advantages:

- » *Geometry import*
Pockets, holes and suction cup positions can already be defined in the CAD drawing
- » *Generation of machining steps*
Machining steps, e.g. holes, can be assigned to the individual drawing layers
- » *Can be configured as required*
Special applications can be expanded. The conversion rules can be flexibly expanded as required for each machining type. As a result almost all possibilities can be covered by woodWOP.
Due to the one-off adaptation of the rules to individual requirements, it is not necessary to adapt CAD drawings to the import rules every time.

System requirements for Basic or Professional:

- » PC with Windows 98, ME, NT4, 2000 or XP
- » At least 128 MB RAM
- » 200 MB hard disk space
- » Screen resolution at least 800 x 600 pixels

Demo Version

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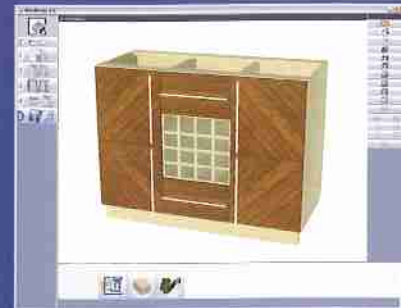
woodDesign

The new way to design and display furniture on the screen

woodDesign is a modern 3D design tool for the interactive design of cabinet furniture. Complete workpiece programs can be prepared in seconds.

Using woodDesign complete items of cabinet furniture are programmed instead of individual parts. Frequently used objects are configured in a 3D view. The 3D display function ensures that the software is easy to use.

A wood list is generated automatically for all components to be manufactured, including the related woodWOP programs. woodDesign enables the materials, fittings, connectors and basic design parameters to be defined individually.



Advantages:

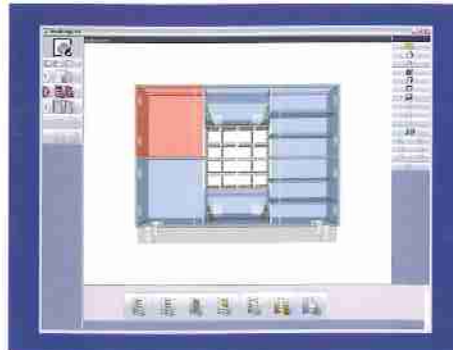
- » Easy to use
 - With saved settings and selection of the technical design details from a clearly laid out menu
- » User-friendly data entry
 - Clearly laid out entry of combinations and materials with re-use of pre-set and saved values
- » 3D display
 - The object is displayed on the screen and can be viewed realistically from all sides

System requirements:

- » PC with Pentium® > 1800 Mhz
- » Operating system Windows® XP (> SP1) / 2000 (> SP2)
- » At least 512 MB RAM, better 1 GB
- » SVGA Grafikkarte > 64 MB, Open GL compatible
- » Screen resolution 1024 x 768 pixels
- » 400 MB hard disk space woodDesign
- » 920 MB hard disk space woodDesign und Hettich Catalog
- » Microsoft Internet Explorer® > 5.5

Demo Version

please order via info@weeke.de



3D CNC-Simulator

Software for graphics simulation and time calculations

The NC-Simulator enables NC programs to be checked graphically.

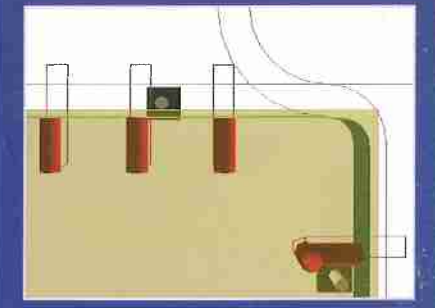
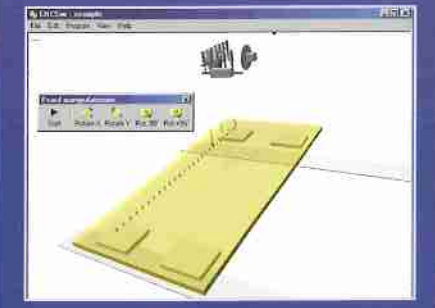
The following are displayed:

- » Workpiece
- » Machining steps
- » Unit layout that moves with the workpiece
- » Modules and suction cup positions
- » Manufacturing time

An automatic routine determines the machine configuration and tools fitted.

The positions of suction cups and modules in the NC program are displayed and checked for collisions during through machining steps. The expected machining time is determined and displayed.

The programs can be loaded using a clearly laid out dialog box with file preview.



Advantages:

- » As early as the preparation stage the machining sequence can be simulated and optimized
- » Expensive tests on the physical machine are not necessary
- » Program errors are indicated immediately
- » Vacuum suction cup positions are displayed and checked for collisions with tools during through machining steps

Highlights:

- » Unit layout that moves with the workpiece
- » Automatic reading of the machine configuration
- » Machining time is displayed even without simulation
- » Simulation available in different views
- » Views can be zoomed and rotated as required
- » After an NC stop the workpiece can be rotated

System requirements:

- » Windows 98, ME, 2000 or XP
- » 50 MB hard disk space
- » At least 128 MB RAM
- » Screen resolution 800 x 600 pixels
- » DirectX 8.0 or later

Demo Version

Available on our web site www.weeke.de in Services, Software.



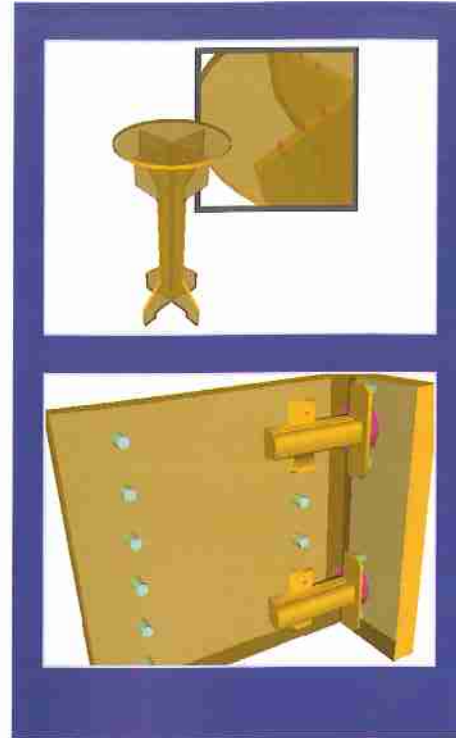
woodAssembler

Virtual assembly of workpieces programmed in woodWOP

Experience with CNC machines has shown how important it is to check the individual components. Programming errors such as incorrect offset, spacing errors and incorrect coordinates cause high material costs and loss of machine time.

Modern technology makes it possible for you to check the components virtually and in this way find errors conveniently on the PC without the need to manufacture expensive prototypes. In this way you will save material costs and significantly shorten the development time for new items.

woodAssembler displays your projects in 3D and makes it possible to assemble components using the mouse. Your programs generated in woodWOP are used as the data source.



Advantages:

- » Errors in the programming are identified immediately
- » It is not necessary to manufacture prototypes
- » Particularly effective for series production manufacture or high-value materials
- » Using woodAssembler important information on the assembly of the components can be passed to the workshop. The machine operator can then easily see how the parts to be manufactured fit together.
- » Views can be zoomed and rotated as required

System requirements:

- » PC with Windows 98, ME, 2000 or XP
- » DirectX 8.0 compatible Grafikkarte

Demo Version

Available on our web site www.weeke.de in Services, Software.



woodNest Professional

Software for nesting shaped parts

Using the nesting technique, batches are assembled by order and the cutting of the raw material optimized. Classic applications are boat and frame manufacture (upholstered furniture), caravan manufacture and toys, and also the manufacture of furniture components to order.

Cutting and machining optimized in one program.

woodNest can process woodWOP programs directly. The results from woodNest are complete woodWOP programs including all machining steps.



Advantages:

- » Complete manufacture from CAD or ERP to the finished workpiece
- » Material optimization, as a result cost reduction
- » Manufacture to order
- » Very flexible
- » Combination of several manufacturing steps

Highlights:

- » *Start and stop routines*
Data are read from the woodWOP program into woodNest and taken into account during nesting.
- » *Nesting result*
Overview with required as well as actual number of all nested parts.
- » *Variable bills of material*
Standardized parts of varying dimensions can be defined in a variable bill of material. The variable bills of material can also be used in a higher level ERP system via a defined interface.

System requirements:

- » PC with Windows 98, ME, NT4, 2000 or XP
- » At least 128 MB RAM
- » 50 MB hard disk space
- » Screen resolution at least 800 x 600 pixels

Demo Version

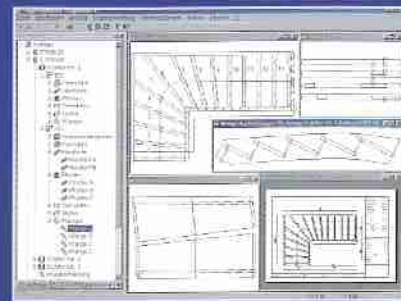
Available on our web site www.weeke.de in Services, Software.

woodStairs

Stairs software

An important factor for the cost-effective manufacture of stairs on a CNC machining center is straightforward, quick program preparation. With more than 1000 installations worldwide, the Compass stairs software package is one of the most effective software solutions on the market.

To give the end customer even more security of investment, together with Compass a software package has now been assembled that is customized to the **WEEKE** CNC machine.



Advantages:

- » Compass CAD9: Compass stairs design software
- » CAM 4-axis: post processor for all machine functions without 4-axis curvature and without stage separation mechanism

System requirements:

- » woodWOP version 5.0 build 725 or later
- » 50 MB hard disk space
- » Screen resolution at least 800 x 600 pixels

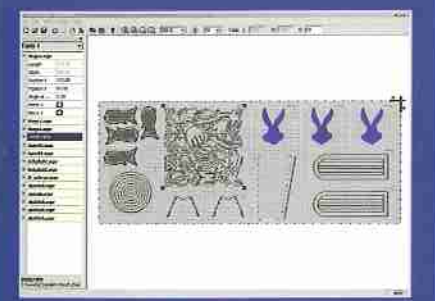
woodAlloc

Software for positioning of workpieces

woodAlloc was developed specifically for machines with an O-Trix table.

woodAlloc allows the positioning of several workpieces in a single table configuration.

The arrangement of the workpiece programs, positioning and rotating is realized via mouse (drag & drop).



Advantages:

- » woodAlloc allows loading of a table within a matrix by freely positionable stops
- » woodAlloc administrates as many boards as required
- » woodAlloc administrates as many workpieces as required which were created as woodWOP programs
- » woodAlloc creates a new woodWOP program from the data and transfers it to the required position

Highlights:

- » software for nesting woodWOP programs
- » manual positioning and rotating of workpieces by mouse within a matrix of stops
- » optical space control
- » layout display of the machine processing table with „O-Trix“ cups
- » only suited for machines with O-Trix table

System requirements:

- » An installed woodWOP version is required for the installation and use of woodAlloc

OUR SOFTWARE TEAM



HERBERT ALTHÖFER

Engineer (specific trade - data communication)

Applications engineering, CNC processing cycles, SPS programming, operating surfaces
 » 4 years occupation as an electrician
 » 1 year customer service engineer (in the field)
 » 6 years machine run-off engineer WEEKE
 » In WEEKE software development since 1999



RALF-HENDRIK BEYER

Wood technician

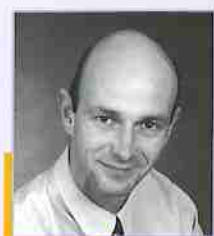
Trainer for throughfeed and stationary technology
 Technical editor
 » 5 years occupation as a carpenter in the kitchen industry
 » 2 years work preparation in the furniture industry
 » In WEEKE TRAINING SERVICES SINCE 1999



MARTIN BRINKMANN

Engineer (specialised trade - data communication)

Inspection of new software, customer specific software solutions, software components for integration into larger projects
 » 6 years as customer trainer and documentation of layouts in the stationary technology range
 » In WEEKE software development since 2001



MARTIN BUSSIEWEKE

Informatics specialist for CNC system technology

Product Manager Software
 » In WEEKE TRAINING SERVICES SINCE 1990
 » Head of WEEKE TRAINING SERVICES SINCE 1992



CARSTEN GREITE

Graduated Diploma Electronics Engineer (specialised trade - instrumentation and control technology)

Introduction of electrical and mechatronic systems and components, machine specific software solutions
 » 7 years hard- and software development
 » In WEEKE software development since 2003



MARTIN HEINICKE

Electro mechanic (specialised trade - electronic engineering)

Trainer for throughfeed and stationary technology
 Technical editor
 » Weeke service engineer from 1991 to 1996
 » In WEEKE TRAINING SERVICES SINCE 1996



DIETER MARTINSCHLEDDE

Merchant in data processing and informatics specialist
 Operating surfaces for throughfeed technology, data base application and internal commercial software solutions

» 3 years occupation as a carpenter in the furniture industry
 » 5 years work preparation in the furniture industry
 » 3 years software development
 » In WEEKE software development since 2000



JOACHIM PANNWITZ

Graduated Diploma in Informatics

DXF-Postprocessor, CAD/CAM application, basic development

» In WEEKE software development since 1992



DIETMAR PLASSMANN

Electronics Engineer

Internet application, licence server, customer / machine specific solutions
 » 2 years occupation at a large German internet provider
 » In WEEKE software development since 2000



KLAUS SCHULTE

Graduated Diploma Electronics Engineer (specialised trade - electrical engineering)

Operating surfaces and controls communication for stationary technology, Schuler MDE support

» 11 years software development in specialized machine tool construction
 » In WEEKE software development since 2000



MICHAEL SCHÜNE

Wood technician

Trainer for throughfeed and stationary technology
 Technical editor

» 2 years occupation as an instructor in an occupational training center
 » 1 year furniture design and construction in the wood industry
 » In WEEKE TRAINING SERVICES SINCE 2001

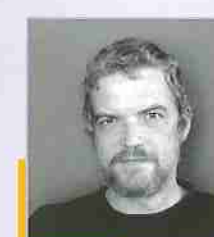


ANDREAS STEINHAUER

IT-Systems Electrician

Operating surfaces for throughfeed technology (configuration of Topdrill / servicing BST_PROG)

» 1 year installation and testing of high-sufficiency servers
 » In WEEKE software development since 2001



HEINZ WIESEKÖPSIEKER

Teacher (Secondary and academy school degree I/II mathematics and physics)

SPS programming, operating surface and NC-Postprocessor for throughfeed technology
 » 9 years control- and surface development for wood processing grinding machines
 » In WEEKE software development since 1992



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