

OPTIMAT BP60 Your CNC-Machining Center



With the OPTIMAT series Weeke is presenting CNC machining centers with the quality and reliability based on 50 years of experience.

The OPTIMAT Series is manufactured with high technology in the factory in Herzebrock-Clarholz, Germany.

All individual components are based on the newest development and are used in the entire Homag Group.

Decide on your own what importance quality machinery means to your success. Keep in mind the words of John Ruskin, English Philosopher, and how his recommendation made over 100 years ago is still valid today: "There is hardly anything in this world that some man cannot make a little worse and sell a little cheaper, and those who consider price only are this man's lawful prey."

(John Ruskin, Social Philosopher 1819-1900)

2-FACTORY



- Craftsmanship
- Creativity
- Flexibility
- Good Business Sense

As your strong partner we have the same opinion and offer you the capability to continue your success in the future with the BP60.

Flexibility and all kinds of shapes with different materials and low batch sizes, those orders you can handle in an economic way with the OPTIMAT BP60. This is your advantage against your Competition.

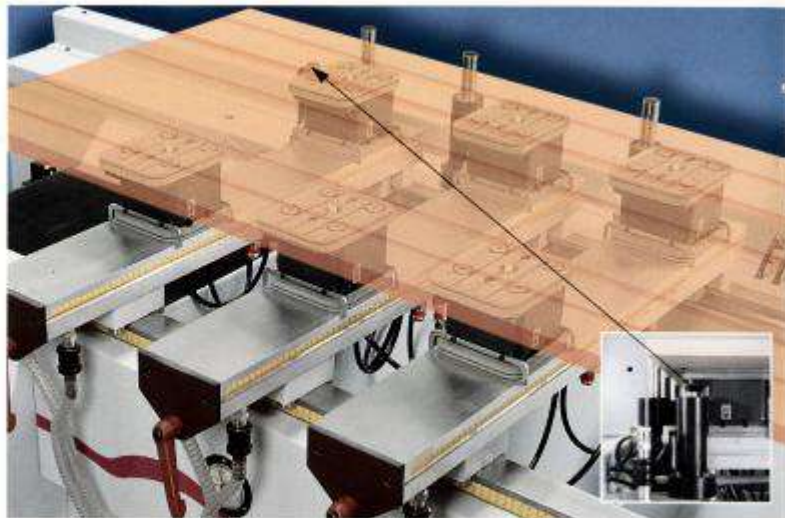
Innovation in Part Hold-Down Technology Free & Easy Positioning Of The Vacuum Pods – The Console Table

The clamping of the workpieces is one of the most critical issues for the quality of CNC-manufacturing. The combination of machine stability, quality tooling and effective clamping guarantees a quality product coming off the machine.

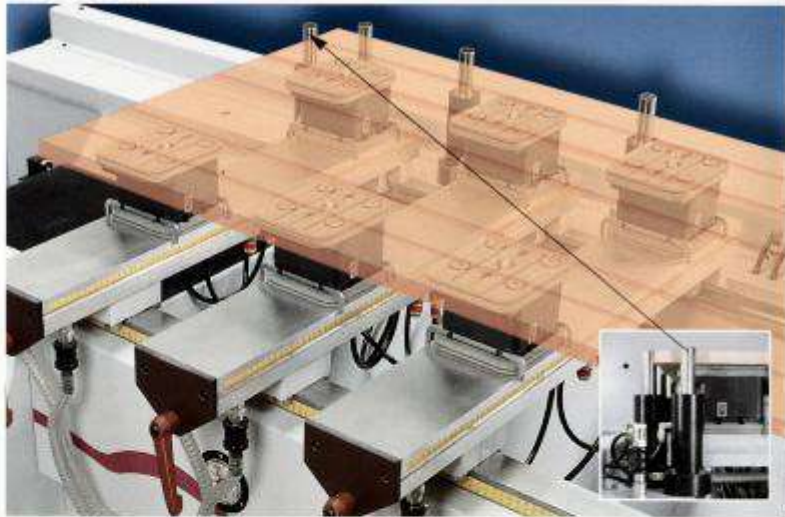
These facts we realized and developed the console table with free and easy positioning vacuum pods. Our vacuum system gives you high flexibility in order to clamp your workpiece.

The following technical features illustrate this flexibility.

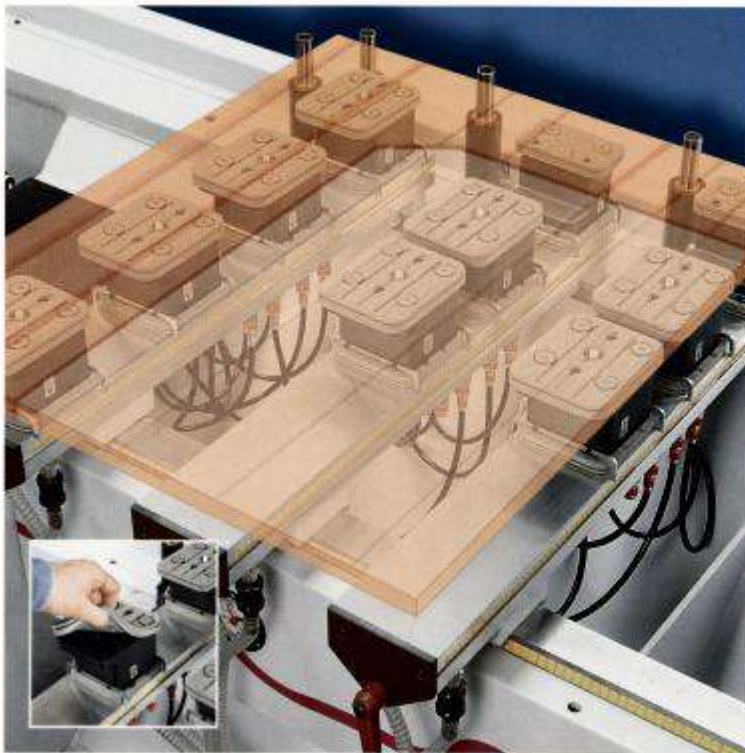
- The side stops can be moved.
- A strong vacuum pump, but also electronic vacuum control systems, guarantee a strong clamping of the workpiece.
- Scales on the benches and the pods are helpful for positioning of the vacuum pods and the benches.
- Strong stops guarantee an accurate positioning for heavy workpieces.
- The rubber of the vacuum pod can be changed easily.
- Up to 4 vacuum pods can be positioned on the bench.
- The vacuum pods for narrow workpieces can be positioned length-wise or crosswise.
- Narrow vacuum pods are available as an option.



Moveable side stops



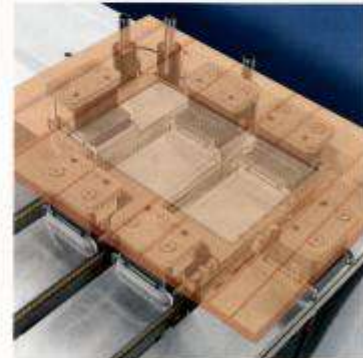
Strong vacuum pump



Up to 4 vacuum pods on each bench



Free positioning



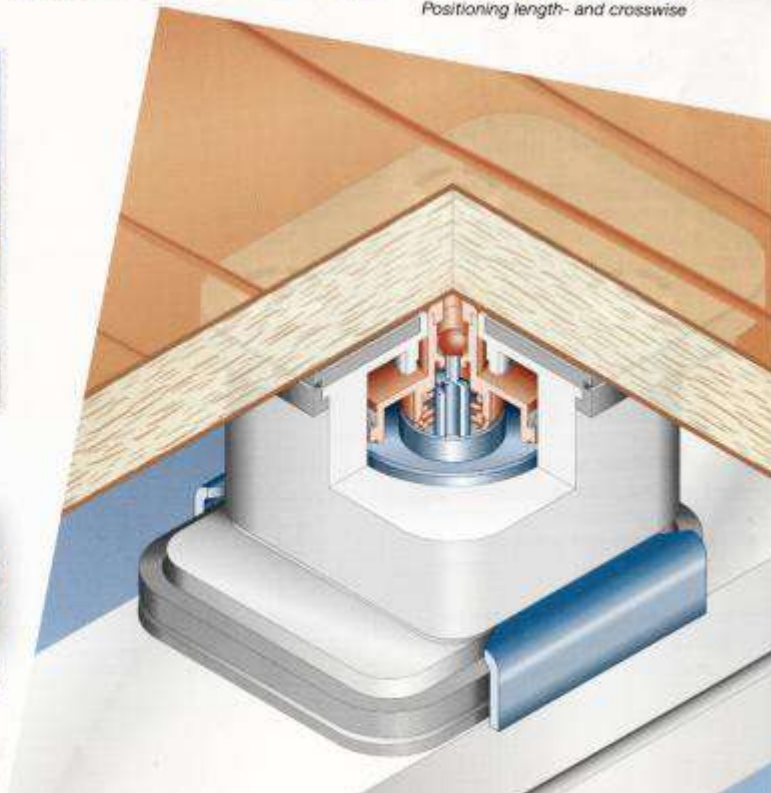
Positioning length- and crosswise



Solid stops



Vacuum pods for narrow parts



OPTIMAT BP60

Flexible, just like your daily business



A lot of different side walls, boards and doors with different surfaces determine the everyday life in your shop. The OPTIMAT BP60 is especially designed for these demands.

Complete manufacturing – all in one:

- Construction- and shelf hole borings in all variations
- Hinge drilling and borings for special hardware
- Excenter borings for detachable carcass connections
- Routing of contours, joining of several molded workpieces
- cut-outs and pocket routing

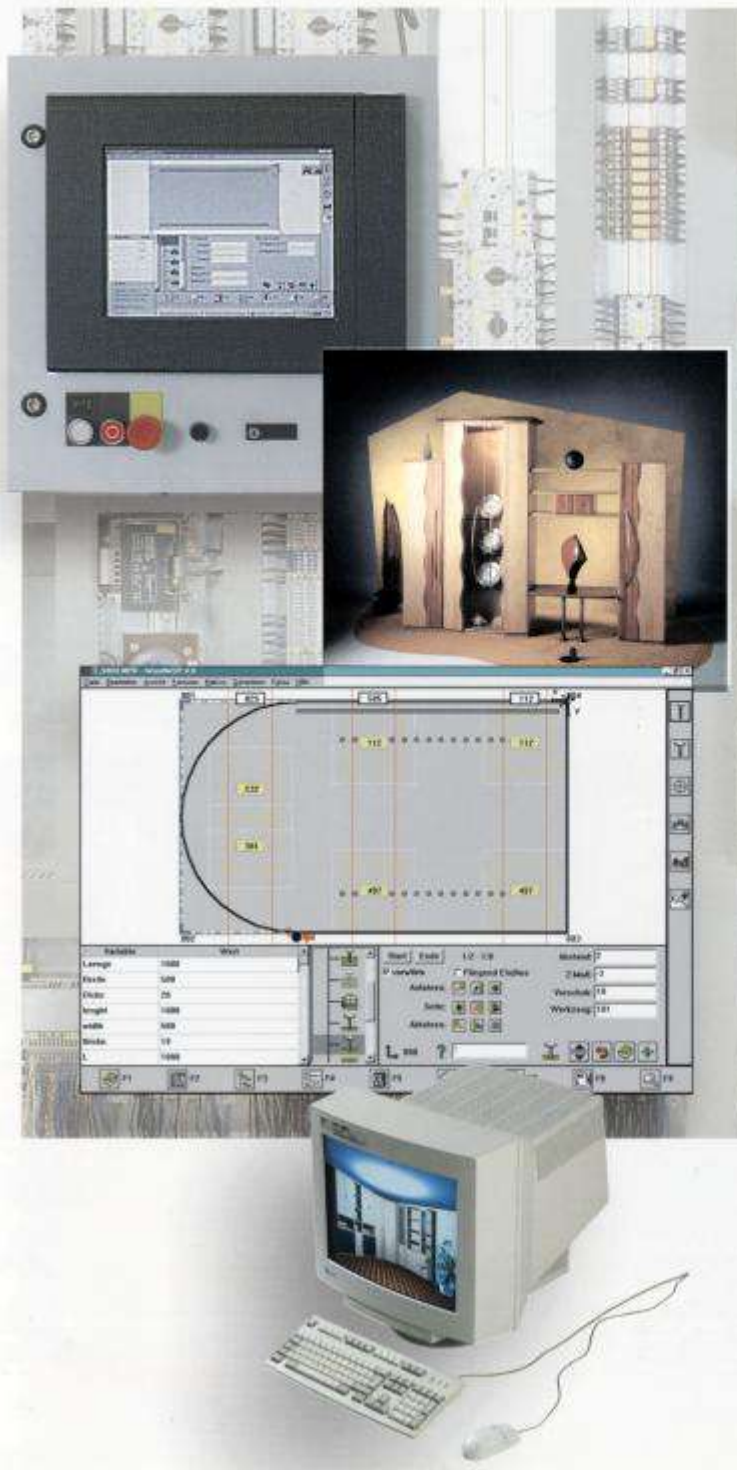
These are only some applications for the OPTIMAT. The BP60 meets all demands in practice.



The OPTIMAT BP60 does not only save running costs, it also spares your nerves.



Highlights in Hardware and Software



The WoodWop and the Homatic 2000 system is developed in cooperation with you and our specialists.

Short cycle times are today a matter of course. Your profit is realized by a fast and safe programming. Easy handling and high reliability which you know from your standard machines are realized by the WoodWop surface. Parametric programming and the possibility of component technique together with your know-how give you the maximum of productivity.

The interface between man and machine has been realized by WEEKE with a PC-system and the Microsoft Windows® world already years ago. This solution provides an easy handling of the machine in the daily business – you are moving in a confident world. You know this world already from your home, it provides safety and confidence.

With WoodWop you are going to program your success.

WoodWOP the Workshop Orientated Programming (WOP), is optimized for the requirements of smaller shops but also for the wood- and furniture industry.

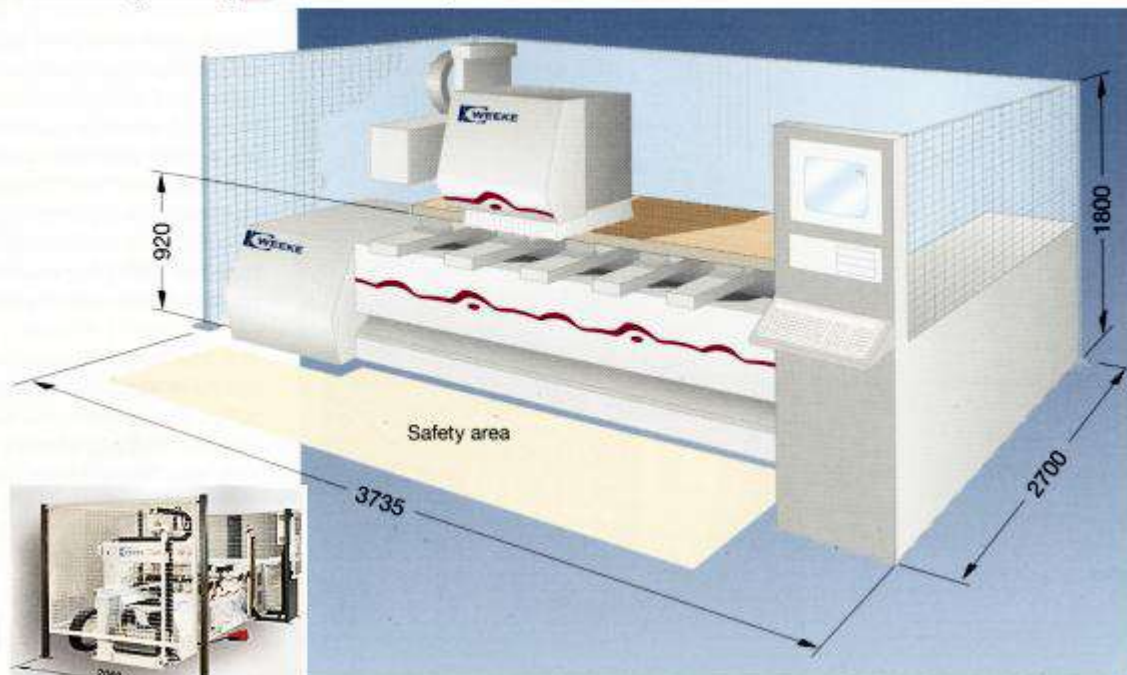
Interactive menus give you an active support to create programs. With WoodWop you are programming your workpiece and the necessary applications, not the machine and it's operations.

CAD/CAM: For connections with CAD-systems components for AutoCAD® and AutoCAD LT®.

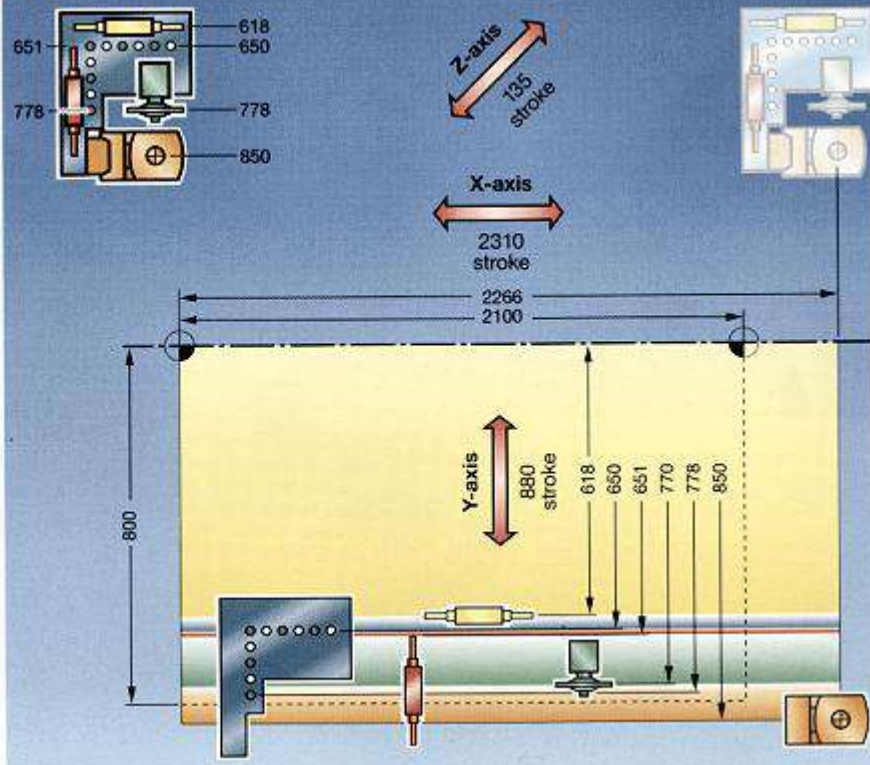
The integration of the OPTIMAT BP60 in computer network system, barcode systems and remote diagnostic systems are just a few of plenty possibilities.

Software interfaces to several other software companies of CAD/CAM and branch programs are available.

Where to go with the OPTIMAT BP60?
Onto Your Shop Floor – Automate
and improve your current operation!



Minor space requirements

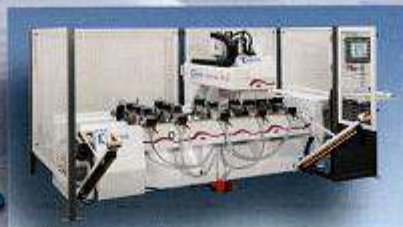


OPTIMAT – Series The All-round Machines for the Future



OPTIMAT-BAUREIHE

BP60



BP80
BP85



BP100
BP120
BP140



BP145



BP150



BP155

