

# Total Panel Products



CNC Panel Processing Services



# Introduction

Our experienced staff are on hand to advise you on suitable materials and panel processing for your job requirements, providing free, no obligation quotations on all aspects of our products.

## What we do...

At Total Panel Products we offer expert advice and design assistance on all our panel processing services.

Making use of the latest machines and techniques we can produce Optimized and/or Nested Panel Processing of Sheet Materials. Our Cnc Machines are state of the art and provide bespoke panels with an unbeatable finish that is second to none. With multiple machines for every job, we can produce Drilled or Shaped parts as well as Square & Contour Edge Banding to suit any project.

Components are processed using the latest technologies, leading to high accuracy and lean processing of materials. We manufacture panel products such as work tops, contract furniture, wall boards and much more.

## Applications

Table Tops  
Computer Desking  
Counter Tops  
Reception Desks  
Hotel Contract Furniture  
Healthcare Furniture  
Office Furniture  
Lockers  
Furniture Components  
Amusement Arcade Furniture  
Wall Board Solutions  
Acoustic Panel Solutions  
and more...



# Panel Sizing

In the front line of our component production, the panel sizing process in conjunction with our optimisation & nesting software, offers clients the highest level of accuracy and yield their components.

Our beam saw the Selco wn710 is a top of the range of beam saw with one cutting line. With its high performance it reduces work time, allowing for shorter lead times.

Almost every panel passes through our beam saw ensuring the highest standard of panel, whilst being flexible enough to handle a wide variety of materials in either large or small volumes. Our new machine now grants us new services that we did not offer formerly. Window cut functions, PFS function cutting and Automatic groove functions are among the new services we offer.

Our panels are cut and sized quickly and efficiently, turning sheet material into component at impressive speeds.



## Selco wn710

High speed & accuracy throughout the cutting process, 40% faster than our previous machine allowing for quick and efficient delivery



# Edge banding

We offer Edgebanding of strip materials from 0.4mm - 3mm thickness and width from 12mm to 50mm



## OTT Shark Edgebander

Most advanced automation, a compact machine for highly specialised and professional processing of coiled edges.

## Homag Baz Contour Edge Bander

Processing centre with automatic edge-banding with dust removal, gluing and trimming.

Capable of working with high pressure laminated boards/MFC and even solid grade laminates.

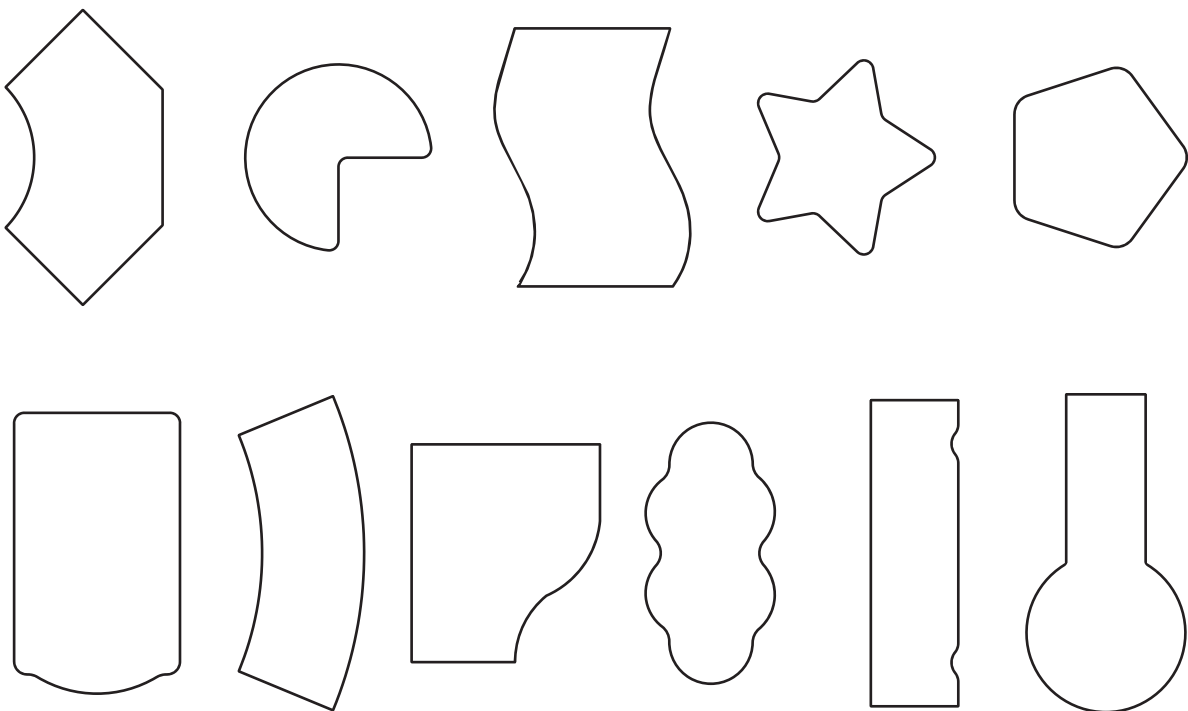
Edging capabilities are as follows:

- 1, 2 & 3mm ABS
- Acrylic Edgebanding
- Real veneer coiled material



# Homag Baz Edge banding

New edging technology allowing for a tighter external radius, and edging up to 60mm thick. Complete 360° butt joint, creates a hairline joint several edges can be glued one on top of the other to give a shaped solid hardwood edge. Edgebanding is available in a variety of shapes and sizes. Typical shapes available are depicted below:



# Cnc Machining & Drilling Solutions

Utilising Homag Baz, Rover A4 processing centres our machining solutions are fast and reliable, we can offer drilling, routing, and edging of shaped components.

## Rover A4

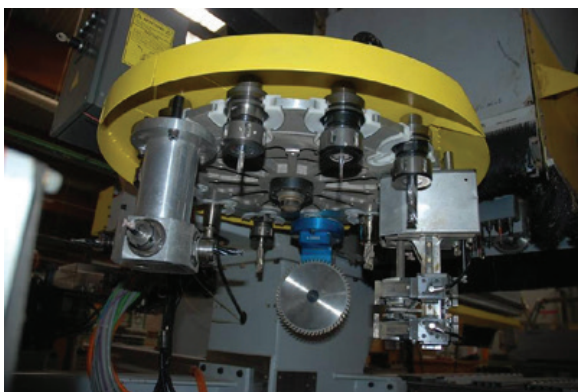
A single processing centre for all types of machining operations, the Biesse Rover A4 is capable of drilling, grooving, profiling, routing, boring and shaping with expert precision.

## Homag BAZ

17 vertical drilling spindles, 12 position tool changer, 360 degree gluing station allows maximum flexibility for processing components all accomplished with just one machine concept.

## Rover A4

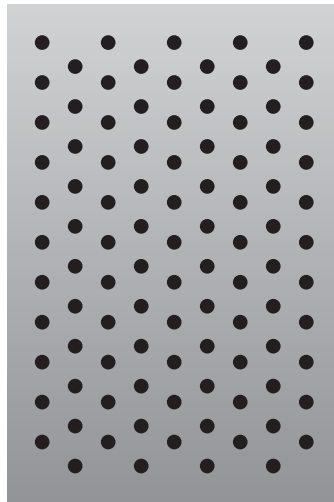
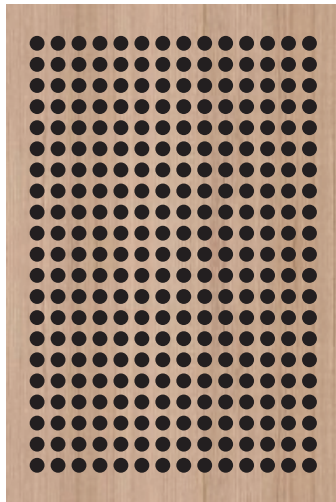
- CAM & Dowel Drilling for Cabinets
- Cost effective Multi & Hinge Drilling
- Routing and Shaping of Components
- Signage & Engraving



## Homag Baz

- 16.4 HP liquid-cooled router spindle
- 12 Position Tool Changer
- 17 vertical drilling spindles
- 360° Contour Edgebanding capability
- Straight & Shaped Edge-Banding
- Direct glue application up to 60mm Thickness
- Versatile working field with Pod Vacuum System

# Acoustic Panels



## Hole Options

### Holes Ø

4-10mm

18 x 25mm Board Thickness Options

### Sheet Size Options

2420 x 1200mm

3030 x 1200mm

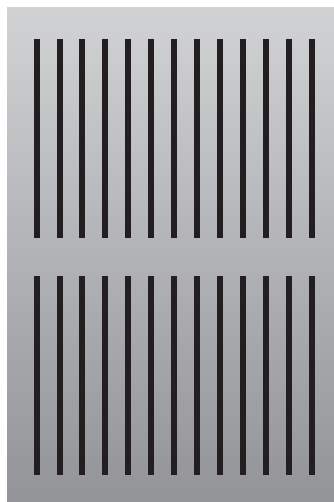
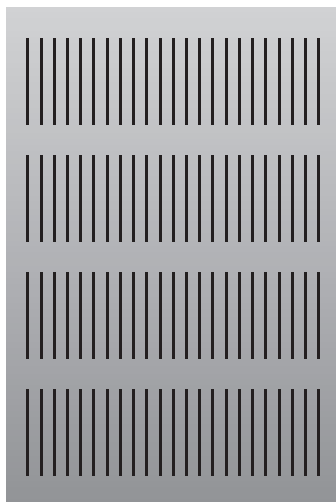
or made to measure

### Colour Options

HPL Plain/Pattern Colours

HPL Woodgrains

Real Wood Veneers



## Slot Options

### Slots

3 & 6mm

18 x 25mm Board Thickness Options

### Sheet Size Options

2420 x 1200mm

3030 x 1200mm

or made to measure

### Colour Options

HPL Plain/Pattern Colours

HPL Woodgrains

Real Wood Veneers

# Lockers

## Locker 1 (Low to Medium Traffic)

18mm Core Construction available in different colour options to compliment any space. These lockers provide for a clever use of storage whilst keeping costs to a minimum

## Locker 2 ( Medium to High Traffic )

18mm Core Construction with 12mm SGL Doors available in different colour options to compliment and brighten up any room. These lockers provide a robust solution for Medium to High Traffic locations and utilise clever design to maximise use of storage.

## Locker 3 (High Traffic & Suitable for Wet Areas )

12mm SGL Core Construction available in different colour options this Range is designed to withstand the most demanding of applications. These lockers provide a Robust High Traffic solution suitable for changing rooms & poolside application in wet / humid areas.

### Locking Options

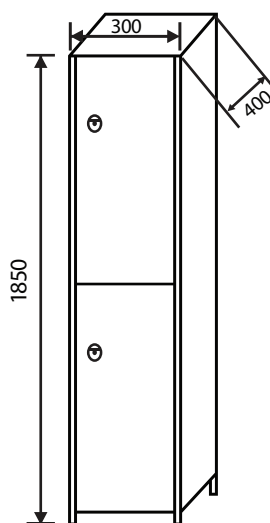
Deadlock  
Hasp & Staple  
Rim Lock  
Coin/Token  
Combination

### Numbering Options

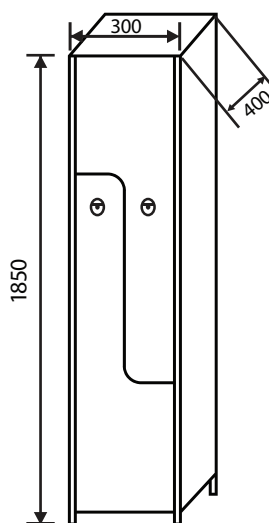
Recessed Coloured Number Badge  
Direct Engraving ( Sgl Only)

### Logos & Signage

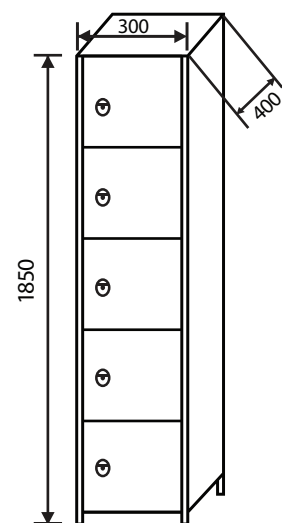
Company logos & Bespoke Signage can be provided as an Option for Locker 2 (Sgl doors only)



Lock - M1001  
Lock - S1002



Lock - M1005  
Lock - S1006



Lock - M1003  
Lock - S1004



# Software Solutions

we have a programme of constant investment in the latest software technologies, effective software improves efficiency. Using a combination of cutting edge software and the latest machinery allows us to offer customers the best yield and nesting solutions from their chosen sheet material this provides us with the most efficient cutting patterns available and keeps manufacturing lean.



We use the latest in software and technology to produce highly accurate and quality products. cutting edge industry software allowing us to import your DXF / DWG from screen to machine



## CAD Designs

we can assist in the design process for any components you may require.

## Palletizing & Packing

Orders for despatch are packaged safe & secure so they arrive as intended.

Next Day Deliveries are available throughout Mainland U.K



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