



FCN-P

CENTROS DE MECANIZADO FCN-P

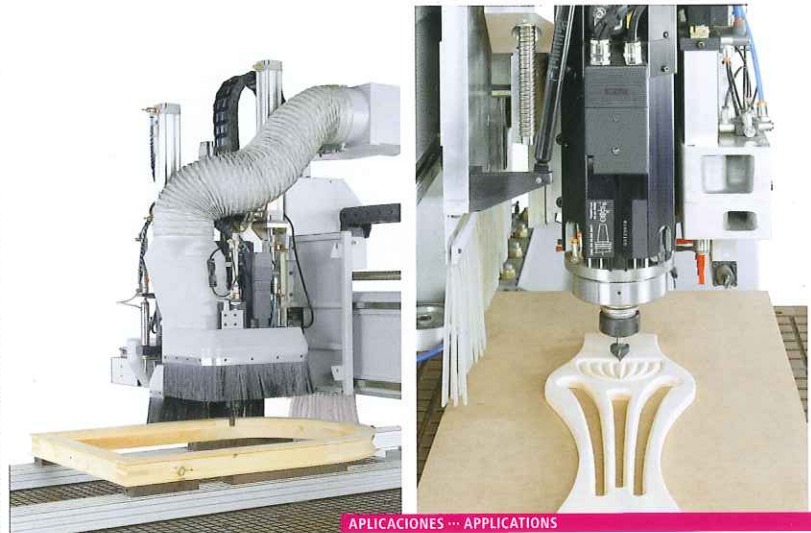
Fresadora de control numérico (CNC), versátil y fiable ideal para realizar trabajos "Nesting".

Su estructura en puente móvil, sus elevadas prestaciones dinámicas, modularidad y potencia presentan a esta máquina como la solución perfecta para los mecanizados que requieran gran calidad y precisión en los acabados. Su diseño abarca la mayor parte de trabajos de mecanizado (taladrado, fresado, canteado, etc.).

FCN-P MACHINING CENTRES

Computerized Numerically Controlled (CNC) Machine, featured by a great versatility and reliability, it is ideal for carrying out "Nesting" works.

Its moving bridge structure, its dynamic high performance, modularity and power introduce this model as the perfect solution for the machining of parts needing a high quality and accuracy in finishings. It is designed for the machining and trimming of wood and its derived products.



CARACTERÍSTICAS TÉCNICAS

- Máquina preparada para disponer de 3 a 4 ejes controlados
- Motor de 8 kW refrigerado por aire - 24.000 rpm
- Cono ISO-30
- Posibilidad de adaptar eje C para agregados
- Área de trabajo con las siguientes posibilidades:
 - Longitud útil de 3.000 a 4.100 mm (eje X)
 - Anchura útil máx. 2.100 mm (eje Y)
 - Altura útil 250 mm (eje Z)
- Bomba de vacío 140 m³/h –250 m³/h–
Soplantes 500 m³/h
- CNC Siemens
- Fabricación personalizada según las necesidades de nuestros clientes
- Software específico para "Nesting"
- Máxima aceleración para trabajos con gran exigencia de producción

TECHNICAL SPECIFICATIONS

- Machine prepared to be equipped with 3 to 4 controlled axes
- 8 kW air cooled motor - 24.000 rpm
- ISO-30 tool taper
- Possibility of adapting a C axis for aggregates
- Working area with the following possibilities:
 - Working length from 3.000 to 4.100 mm (X axis)
 - Max. working width 2.100 mm (Y axis)
 - Working height 250 mm (Z axis)
- Vacuum pump 140 m³/h –250 m³/h– Side-channel pump 500 m³/h
- CNC Siemens
- Personalised manufacture according to our customers needs.
- Specific software for "Nesting"
- Maximum acceleration for those works with a high production demand

APLICACIONES

- Mobiliario modular
- Muebles de cocina y baño
- Fabricantes de paneles

APPLICATIONS

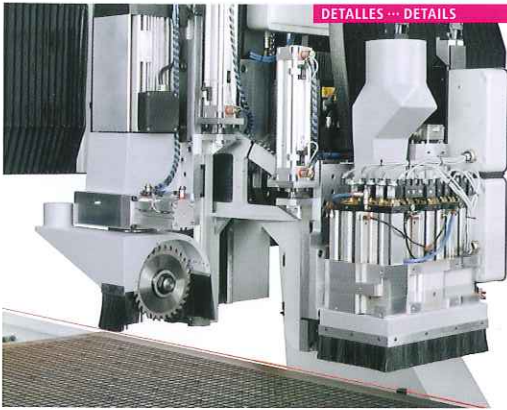
- Modular furniture
- Kitchen and bathroom furniture
- Panel manufacturers

BERMAQ
CT

MADERA...WOOD

BA

DETALLES ... DETAILS



LA MÁQUINA ... THE MACHINE



FCN-P
CNC machining centre, FCN-P model

The Computerized Numerically Controlled Machining Centre (CNC) is specially designed for the machining and trimming of wood and its derived products. Machine with an open structure featured by its agility and speed. Ideal machine to carry out Nesting jobs.

Its moving bridge structure, its dynamic high performance, modularity and power introduce this model as the perfect solution for the machining of parts with a high quality finish and accuracy. It is designed for most types of machining operations (drilling, milling, contouring, etc.)

This machine is equipped with 03 axes controlled by the CNC and an 8-kW milling head cooled by air. The tool changer is revolver type and it is equipped with 06 positions, its cone geometry is ISO-30. The working table has the following working dimensions (squared area) 3.100 x 2.100 mm. Optionally, this machine can be 4.000 x 2.000 mm. The securing of the parts is done through a 140 m³/h vacuum pump.

All machine movements are controlled by brushless servomotors attached to the mechanical transmissions and guided by high precision ball screws.

The machine can be equipped with two working areas for high productions.

Machine equipped with a CNC from **SIEMENS - SINUMERIK 810D**.

Working areas:

X 3.100 mm X 4.100 mm

Y 2.100 mm

Z 250 mm

Positioning speed:

X 50 m/min

Y 50 m/min

Z 20 m/min

Motor:

Power 8 KW - 10,6 HP (at 12.000 rpm)

Cooling: air

ISO - 30 cone (option: HSK)

Automatic tool changer, revolver type, with 8 positions

Phenolic resin table with 6 reference stops

Automatic lubrication Vacuum pumps: 140 m³/h - 250 m³/h

Options:

C axis

Furniture sector:

- kitchen furniture
- Kit furniture
- classical furniture
- bathroom furniture
- worktops
- garden furniture
- urban furniture

Other sectors:

- gifts
- handicrafts
- panel manufacturing
- package manufacturing