

# OMAL Peanut Inserting Machine PT23-



The PT23 is a Numerical Controlled machine specially developed for drilling and inserting PEANUT plastic hardware on the edge. This machine has the option to perform the vertical face routing with a mechanical copier for Peanut assembling.

The machine offers a Full PC interface with 1300 mm useful working field divided in zones for pendulum processing, 4 reference stops are standard.

On request the machine can be equipped with drilling, gluing and wooden dowel insertion unit.

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## PC Interface

OMAL utilises Wood System by TPA CAD as the software interface for the machine. The user friendly software makes the PT23 extremely versatile. The PT23 is equipped with a full PC interface used for writing and saving programs. The software has a list manager that allows different parts to be run in each field and to control the production sequence. Lists can be saved for future reference plus the machine can be controlled by bar code list and/or program names.



## Working Zones and Clamps

The selection of the working zones (left, left center, right center, or right) is determined by the machine. The center reference is excludable for large panels. Heavy duty rectangular clamps with double pistons and easy set up for different material thicknesses fully complies with CE safety regulations. The PT23 clamps are suitable to protect delicate materials holding panels horizontally for edge drilling.



## Glue Gun

The triple sealed gluing systems ensures no leakage and is complete with a sensor to monitor performance.

No drip glue nozzle : Omal utilizes stainless steel pin and nozzle assembly precisely machined to ensure water/glue does not leak. Omal manufactures its own glue guns using a 3 seal system to avoid glue from seeping back through the needle.

Programmable electronic control of glue amount. The injector unit is equipped with an inductive sensor to verify glue is shot. • Glue table capacity 8 litres • Max. glue density 900 cps • Programmable control of glue dosage

## Overview and features

- PT23 offers a complete solution for assembling furniture with Peanut fitting
- Cnc drilling and Peanut insertion for horizontal, vertical routing with mechanical copier for Peanut slot
- Increased efficiency with high speed of working cycle and flexibility
- Easiness of assembling
- Ideal solution for just in time production
- Zero set up time and possibility to work with different boring pattern in different field
- Machine can be used for Peanut 2 and 3
- Possibility to concentrate on the same machine Peanut and wooden dowel insertion, routing for Peanut slot



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## Specifications

**Motor** 7 kw  
**Weight** 1600 kg  
**Air consumption** 7 bar /250 NL min

Specifications are subject to change without notice.

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