



WINDOWS&DOORS – STAIRS

LEONARDO 4318-5518-6518

CNC working centre specific for the processing of windows, French windows, arches, portholes, house doors, entrance doors and stairs.

The machine can be equipped with 2 independent working units, toolholding magazines with 88 or even more tools by means of a system with interchangeable toolholding trolleys. The special work table is composed of double-action modules for clamping the workpiece by means of vacuum and/or pressure with automatic positioning of the modules moved by the NC (ESSETRE PATENTS).

This allows all the processings, from the profiling to the squaring, from the open and close tenoning to the drilling even on workpieces of very big and very small dimensions without any manual intervention for the perimeter processing of each element.

TECHNICAL DATA

Axis strokes: mm: X 4300/5500/6500 – Y 1800 - Z 350

Working area: mm: X 3200/4400/5400 -Y 1500 – Z 350

Electrospindles with: power 12 kW from 7000 r.p.m., rotation speed 1000-18000 r.p.m., ceramic bearings, cooling with independent electrofan, tool connection HSK 63F

Digital inverter 22 kW

HSK 63F toolholding magazine up to 88 positions

Max tool diameter: 240 mm

Vacuum plant: with vacuum pump of 250 m³/h

Installed power: 40 kW

Numerical control: NUM series 1000

Safety perimeter protections according to the EC norms