

Article Details	
Reference Code	IT143
Manufacturer / Brand	MICHAEL WEINIG AG (Tauberbischofsheim, Germany)
Equipment Type	Automatic Four-Side Planer & Profiling Moulder Machine
Model	Profimat 26 Super (Type P 26 S)
Serial Number (Macchina NR)	100960
Year of Manufacture	2004
Operating Status & Availability	Installed on-site / Fully Operational / Available on request

Technical & Electrical Specifications	
Operating Voltage & Frequency	400 V AC / 50 Hz / 3-Phase Electrical Supply
Max. Working Width	230 mm (Standard Profimat 26 Capacity)
Max. Working Height	120 mm
Number of Spindles	5 Working Spindles (Bottom, Right, Left, Top, Bottom)
Spindle Diameter & Speed	40 mm Shaft Diameter / 6,000 RPM Nominal Spindle Speed
Feed Rate / Speed Range	Variable Feed Speed (approx. 5 – 24 m/min, step-less control)
Infeed Table Length	2,000 mm Straightening / Jointing Worktable Bed
Control Unit / Interface	✓ Siemens SIMATIC OP7 Electronic Operator Control Panel with Program Memory
Dust Extraction Setup	✓ Individual Suction Hoods (120/140 mm Outlets) connected to Exhaust Manifold

Plant Components & Features	
Sequential Spindle Arrangement	High-precision spindle configuration designed for simultaneous 4-side planing, dressing, profiling, and finishing of solid wood elements.
Siemens SIMATIC OP7 Terminal	Integrated digital control terminal with LCD display, function keys, numerical keypad, and real-time positioning data.
Mechanical SIKO Position Counters	High-accuracy SIKO digital mechanical position displays for precise axial and radial tool setting.
Powered Infeed & Bed System	Pneumatic press-down drive rollers with hard-chromed cast iron bed plate for smooth and stable timber feeding.
Safety & Noise Enclosure Hood	Full acoustic canopy enclosure with safety limit switches, internal illumination, and oversized inspection window.