**pratix z5**
cnc machining centre with multifunction aluminium worktable.
- 5 axes
- worktable with “T”-shaped grooves
- “PRO-SPEED” protections

**pratix z2**
cnc machining centre with multifunction aluminium worktable.
- 3-4 axes
- worktable with “T”-shaped grooves
- “PRO-SPEED” protections

**pratix z1**
cnc machining centre with multifunction aluminium worktable.
- 3-4 axes
- worktable with “T”-shaped grooves
- unloading automation
- “PRO-SPACE” protections

**pratix s**
cnc machining centre with multifunction aluminium worktable for “nesting”.
- 3-4 axes
- loading and unloading automation
- “PRO-SPACE” protections
pratix z5
“Top-of-the-range” for those who consider flexibility as a way of life.

### 5 AXES CNC MACHINING CENTRE WITH MULTIFUNCTION ALUMINIUM WORKTABLE

<table>
<thead>
<tr>
<th>Parameter</th>
<th>PRATIX Z5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Axes</strong></td>
<td>Z5-31</td>
</tr>
<tr>
<td>Working area along X-Y-Z axis</td>
<td>mm</td>
</tr>
<tr>
<td>Panel length along Y axis</td>
<td>mm</td>
</tr>
<tr>
<td>Panel length (for alternated work process)</td>
<td>mm</td>
</tr>
<tr>
<td>Vectorial speed X-Y axes (optional)</td>
<td>m/min</td>
</tr>
<tr>
<td><strong>Boring head</strong></td>
<td></td>
</tr>
<tr>
<td>Vertical spindles up to no. - rpm</td>
<td>83 (10X / 4+4Y) - 8000</td>
</tr>
<tr>
<td>Horizontal spindles up to no. - rpm</td>
<td>8 (4X / 4Y) - 8000</td>
</tr>
<tr>
<td>Integrated blade in X Ø mm - rpm</td>
<td>125 - 10000</td>
</tr>
<tr>
<td><strong>Electrospindle</strong></td>
<td></td>
</tr>
<tr>
<td>Standard motor power (S6) kW (Hp)</td>
<td>12 (16,5)</td>
</tr>
<tr>
<td>Max. speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Tool changer on the carriage in X / base places</td>
<td>16 / 10</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td></td>
</tr>
<tr>
<td>Exhaust air consumption / speed m³/h - m/sec</td>
<td>5300 / 30</td>
</tr>
<tr>
<td>Exhaust outlet diameter mm</td>
<td>250</td>
</tr>
<tr>
<td>Total weight machine kg</td>
<td>3350</td>
</tr>
</tbody>
</table>
The very best multipurpose machine available due to the possibility to size nested panels and bore-router already sized panels (also for alternated work process).
Optimised time and resources thanks to the Netline integration.
pratix z2
Flexibility and effectiveness for any boring-routing requirement.

<table>
<thead>
<tr>
<th>3-4 AXES CNC MACHINING CENTRE</th>
<th>PRATIX Z2</th>
</tr>
</thead>
<tbody>
<tr>
<td>WITH MULTIFUNCTION ALUMINIUM WORKTABLE</td>
<td>Z2-27</td>
</tr>
<tr>
<td><strong>Axes</strong></td>
<td></td>
</tr>
<tr>
<td>Working area along X-Y-Z axis mm</td>
<td>2750 - 1300 - 160</td>
</tr>
<tr>
<td>Panel length along Y axis mm</td>
<td>1550</td>
</tr>
<tr>
<td>Panel length (for alternated work process) mm</td>
<td>1210</td>
</tr>
<tr>
<td>Vectorial speed X-Y axes (optional) m/min</td>
<td>83</td>
</tr>
<tr>
<td><strong>Boring head</strong></td>
<td></td>
</tr>
<tr>
<td>Vertical spindles up to no. - rpm</td>
<td>18 (10X / 4+4Y) - 8000</td>
</tr>
<tr>
<td>Horizontal spindles up to no. - rpm</td>
<td>8 (4X / 4Y) - 8000</td>
</tr>
<tr>
<td>Integrated blade in X Ø mm - rpm</td>
<td>125 - 7500</td>
</tr>
<tr>
<td><strong>Electrospindle</strong></td>
<td></td>
</tr>
<tr>
<td>Standard motor power (S6) kW (Hp)</td>
<td>12 (16,5)</td>
</tr>
<tr>
<td>Max. speed rpm</td>
<td>24000</td>
</tr>
<tr>
<td>Tool changer on the carriage in X / base places</td>
<td>8 / 10</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td></td>
</tr>
<tr>
<td>Exhaust air consumption / speed m³/h - m/sec</td>
<td>3400 / 30</td>
</tr>
<tr>
<td>Exhaust outlet diameter mm</td>
<td>200</td>
</tr>
<tr>
<td>Total weight machine kg</td>
<td>2400</td>
</tr>
</tbody>
</table>
Customisation and flexibility due to a wide choice of equipment presets with multifunction aluminium worktable and Penta function.
**pratix z1**
High performance, ease-of-use and more compact dimensions.

<table>
<thead>
<tr>
<th>3-4 AXES CNC MACHINING CENTRE</th>
<th>PRATIX Z1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Axes</strong></td>
<td>Z1-31</td>
</tr>
<tr>
<td>Working area along X-Y-Z axis</td>
<td>mm</td>
</tr>
<tr>
<td>Vectorial speed X-Y axes</td>
<td>m/min</td>
</tr>
<tr>
<td><strong>Boring head</strong></td>
<td></td>
</tr>
<tr>
<td>Vertical spindles up to (B, C version)</td>
<td>no. - rpm</td>
</tr>
<tr>
<td>Horizontal spindles up to (optional)</td>
<td>no. - rpm</td>
</tr>
<tr>
<td>Integrated blade in X</td>
<td>Ø mm - rpm</td>
</tr>
<tr>
<td><strong>Electrospindle</strong></td>
<td></td>
</tr>
<tr>
<td>Standard motor power (S6) (B, C version)</td>
<td>kW (Hp)</td>
</tr>
<tr>
<td>Max. speed</td>
<td>rpm</td>
</tr>
<tr>
<td>Tool changer on the carriage in X / base</td>
<td>places</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td></td>
</tr>
<tr>
<td>Vacuum pump integrated in the base (optional)</td>
<td>m³/h</td>
</tr>
<tr>
<td>Exhaust air consumption / speed</td>
<td>m³/h - m/sec</td>
</tr>
<tr>
<td>Exhaust outlet diameter</td>
<td>mm</td>
</tr>
<tr>
<td>Total machine weight</td>
<td>kg</td>
</tr>
</tbody>
</table>

| Working area along X-Y-Z axis  | 3110 - 1280 - 180 |
| Vectorial speed X-Y axes       | 35 |
| Vertical spindles up to (B, C version) | 12 (8X / 4Y) - 8000 |
| Horizontal spindles up to (optional) | 6 (4X / 2Y) - 8000 |
| Integrated blade in X           | 125 - 10000 |
| Standard motor power (S6) (B, C version) | 12 (16,5) |
| Max. speed                     | 24000 |
| Tool changer on the carriage in X / base | up to 20 |
| Vacuum pump integrated in the base (optional) | 90 (250) |
| Exhaust air consumption / speed | 5300 (+ 1200) / 30 |
| Exhaust outlet diameter         | 250 + 120 |
| Total machine weight            | 2400 |
The perfect solution for all companies having limited floor space and non-skilled operators in the use of machining centres.
pratix s
The entry-level machine for nesting operations.

The perfect machine for those who want to begin machining by nesting. Much reduced overall dimensions makes this machining centre the most flexible and compact available on the market.

### 3-4 AXES CNC MACHINING CENTRE WITH MULTIFUNCTION ALUMINIUM WORKTABLE

<table>
<thead>
<tr>
<th></th>
<th>PRATIX S</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>S12</td>
<td>S15</td>
<td>S18</td>
</tr>
<tr>
<td><strong>Axes</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vectorial speed X-Y axes</td>
<td>35 m/min</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td><strong>Boring head</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical spindles up to (C, D version)</td>
<td>12 (8X / 4Y) - 8000</td>
<td>12 (8X / 4Y) - 8000</td>
<td>12 (8X / 4Y) - 8000</td>
</tr>
<tr>
<td>Horizontal spindles (optional)</td>
<td>6 (4X / 2Y) - 8000</td>
<td>6 (4X / 2Y) - 8000</td>
<td>6 (4X / 2Y) - 8000</td>
</tr>
<tr>
<td>Integrated blade in X (optional)</td>
<td>Ø 125 mm - 10000</td>
<td>125 - 10000</td>
<td>125 - 10000</td>
</tr>
<tr>
<td><strong>Electrospindle</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard motor power (S6) (C, D version)</td>
<td>9.5 (13) kW (Hp)</td>
<td>9.5 (13)</td>
<td>9.5 (13)</td>
</tr>
<tr>
<td>Max. speed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tool changer on machine base</td>
<td>24000 rpm</td>
<td>24000</td>
<td>24000</td>
</tr>
<tr>
<td>places</td>
<td>8</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhaust air consumption / speed</td>
<td>3400 (5300°) / 30 m³/h - m/sec</td>
<td>3400 (5300°) / 30</td>
<td>3400 (5300°) / 30</td>
</tr>
<tr>
<td>Exhaust outlet diameter</td>
<td>200 (250°) mm</td>
<td>200 (250°)</td>
<td>200 (250°)</td>
</tr>
<tr>
<td>Total machine weight</td>
<td>1950 kg</td>
<td>2200</td>
<td>2250</td>
</tr>
</tbody>
</table>

* = in presence of horizontal spindles
<table>
<thead>
<tr>
<th>S22-31</th>
<th>S22-43</th>
</tr>
</thead>
<tbody>
<tr>
<td>3086 - 2155 - 150</td>
<td>4286 - 2155 - 150</td>
</tr>
<tr>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td>12 (8X / 4Y) - 8000</td>
<td>12 (8X / 4Y) - 8000</td>
</tr>
<tr>
<td>6 (4X / 2Y) - 8000</td>
<td>6 (4X / 2Y) - 8000</td>
</tr>
<tr>
<td>125 - 10000</td>
<td>125 - 10000</td>
</tr>
<tr>
<td>9,5 (13)</td>
<td>9,5 (13)</td>
</tr>
<tr>
<td>24000</td>
<td>24000</td>
</tr>
<tr>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>3400 (5300°) / 30</td>
<td>3400 (5300°) / 30</td>
</tr>
<tr>
<td>200 (250°)</td>
<td>200 (250°)</td>
</tr>
<tr>
<td>2550</td>
<td>2700</td>
</tr>
</tbody>
</table>
“NETLINE”: PROGRAMMING MACHINES AUTOMATICALLY.
The automatic programming of beam saws, edge banders and machining centres, interconnected via a PC with advanced software, allows the creation of complete projects without any operator intervention and no risk of errors.
**“PRISMA 5” ELECTROSPINDLE: SUPERIOR TECHNOLOGY FOR MACHINING WITH 5 AXES.**
Reduced maintenance, maximum flexibility and optimal finishing quality with the BEL.TECH technology (Belt technology system), the belt transmission system which eliminates vibration and heat from tools to the motor. This system (in use on the spindle for machining metals) due to the compact structure, allows easy operations in limited spaces. The mechanical locking of the spindle in the vertical position, transforms the unit into a perfect 3 axis operation.

**“HE” WORKTABLE: DESIGNED FOR EFFICIENCY AND SAVING.**
Careful studies and tests allow us to achieve a high level of workpiece holding down without resorting to several high-power vacuum pumps.

**RO.AX SPINDLE: FOR PERFECT BORING.**
Zero play during machining with the new RO.AX technology (Rotoaxial spindle technology), the most efficient spindle on the market with rotation speeds up to 8000 rpm to configure the machine with different boring units from 7 to 50 independent spindles, for customers demanding high levels of boring.
HORIZONTAL ELECTROSPINDLE: HIGH WORKING SPEED.
The direct output of motion power without gears and sprockets, a guarantee of sturdiness, allows the processing of heavy duty work easily and fast, without having to worry about the possible breaking of the wood or the tooling.
pratix z5, pratix z1, pratix s

“PENTA” DEVICE: THE FLEXIBILITY OFFERED BY 5 AXES BUT AT A BUDGET PRICE.
The “Penta” device can transform, with a modest investment, a standard 4-axis machine into a perfect 5-axis positioning one.
pratix z2

“TECPAD”: EASE-OF-USE AND PRODUCTIVITY AT FINGER TIPS.
The “Tecpad” standard remote control with LCD display and 7” colour touch-screen, allows the operator to fully manage the machine intuitively.
The commands are always close to both the machine and the operator.
pratix z5, pratix z1, pratix s
“PRO-SPACE” PROTECTIONS: SAFE AND COMPACT.
Ideal for those with limited available space, it is distinguished by:
• absence of perimeter protections
• protections mounted directly on the mobile upright
• also free access to the rear of the machine
pratix s

“PRO-SPEED” PROTECTIONS: THE BEST COMPROMISE BETWEEN SPEED AND COMPACTNESS.
X-axis speed up to 70 m/min due to the new Scm solution using the photobumpers system, ensuring reduced overall dimensions, maximum safety and ease-of-use.
pratix 25, pratix 22
pratix
Operating groups.

Specific operating group for pratix z5:
- boring head
- “Prisma 5” 5-axis electrospindle
  12 kW - 16.5 HP with water cooling group

Specific operating group for pratix z2:
- boring head
- 12 kW - 16.5 HP vertical electrospindle
- 5.6 kW - 7.6 HP horizontal electrospindle (C, D version)
- interpolating Vector axis (C version)

Specific operating group for pratix z1 and pratix s:
- boring head
- 6.6 kW - 9 HP electrospindle or 9.5 kW - 13 HP electrospindle
- interpolating Vector axis
pratix Tool changers.

TR8, TR10, TR11, TR13 tool changer
Positioned on the machine base.
No problems even with large dimensioned tools.

pratix s: Tool holder with higher capacity, it can accommodate up to 19 places according to the installed tool holders.

R16 tool changer
Positioned on the machining head support, it provides reduced setting-up times and higher tool-holder magazines capacity.

pratix z5

R8 tool changer
Faster machine tool changeover due to the tool changer mounted on the machining head support.

pratix z2

“Pick-up” tool changer
with pneumatic positioning on the machining head support.
Ideal equipment for panel machining with alternated work processing.

pratix s
pratix
Boring heads.

Boring unit with 7 vertical spindles
No.1 integrated blade along X direction
(125 mm maximum diameter).

Boring unit with 8 vertical spindles and
4 horizontal spindles
No.1 integrated blade along X direction
(125 mm maximum diameter).
pratix z1, pratix s

Boring unit with 12 vertical spindles and
6 horizontal spindles
No.1 integrated blade along X direction
(125 mm maximum diameter).

Boring unit with 18 vertical spindles and
8 horizontal spindles
No.1 integrated blade along X direction
(125 mm maximum diameter).
pratix z5, pratix z2
MULTIFUNCTION ALUMINIUM WORKTABLE WITH “T”-SHAPE GROOVES.
Flexibility of use at the very best levels of production with the possibility to add to the standard vacuum worktables systems, support for panels or suction cups. Also within the network of grooves, any type of support can be mechanically fixed to the table.
pratix z5, pratix z2, pratix z1

“HE” WORKTABLE: DESIGNED FOR EFFICIENCY AND SAVING.
Careful studies and tests allow us to achieve a high level of workpiece holding down without resorting to several high-power vacuum pumps. The result:
• secure workpiece holding down = excellent machining speed
• internal flows’ speed of up to 250 km/h = efficiency on the whole worktable
• less consumption = energy saving (ecologically beneficial)
pratix s
pratix
Other devices.

Telesolve
Teleservice system to connect the machine’s PC to the service department via internet.

Upgrade
to two 250 m³/h 50 Hz vacuum pumps (optional).

Electrical cabinet
with air conditioner which maintains the temperature at around 18°C (optional).

Laser
managed by optimisation software for correct positioning of each suction cup (optional).
pratix Z5, pratix Z2, pratix Z1

Extensive choice of MPS and MODULSET suction cups
- 90 x 90, 120 x 50, 130 x 130, H = 25 mm
- 130 x 50, H = 50 mm
- Ø 120, H = 50 mm with automatic lifting device
Extensive customisation possible

With angular heads having 1, 2 and 4 outlets with HSK taper couplings for angled routing, boring and grooving with plays elimination system or fixed mechanical couplings.

pratix z2, pratix z1, pratix s
pratix
Other devices.

VECTOR AXIS:
NO LIMITS TO MACHINING.
Simple and precise operations using the interpolating Vector axis digitally managed by the NC, allowing 360° rotation and automatic positioning on X-Y axes of all angular heads.
pratix z2, pratix z1, pratix s

Centralised lubrication with manual pump.
pratix z1, pratix s

Automatic centralised lubrication managed by the control.
pratix z5, pratix z2, pratix z1

SAVENERGY
LOWER CONSUMPTION = LOWER COSTS
SavEnergy allows the use of power only when it is required, making things operate only when they are really necessary. It means the machine automatically enters “stand-by” mode when there are no panels to be machined at any particular time.
Year saving up to 20% (optional).
**No.4 AIR BLOWERS ON ELECTROSPINDLE: INTELLIGENT CLEANING.**

No cleaning operation is required after the machining of workpieces due to the selectable intervention air blowers which improves the suction.

**pratix s**

**DEVICES FOR PARTICULAR APPLICATIONS**

- **Air blower on electrospindle**
  for generic applications. 
  standard for pratix z1, pratix s 
  optional for pratix z5, pratix z2

- **Ionized air blower on electrospindle**
  It is suitable to eliminate the electrostatic charges due to the cut material, making easier the shavings suction (advisable for plastic materials machining).

- **Air blower with microlubrication**
  Air blower with very little oil quantity for the tool lubrication and cooling when used on coated panels.

- **Guides protections, X-Y axes**
  By means of dedicated cleaning and protection system, it allows the machining also on abrasive materials (this device is compulsory for machining on plasterboard material).
pratix z1

Unloading automation.

Top exhaust system capable of exhausting the dust and chips from the worktable, when carrying out the workpieces unloading, with automatic connection to the exhaust system.

Unloading belt with photocell detection system

Bottom exhaust system the best guarantee for perfect cleaning of the workpieces at the outfeed.
Aluminium “free-form” guides to prevent accidental workpiece ejection during the passage from the worktable to the unloading belt.

Workpiece outfeed pusher with air blower unit for panel cleaning.
pratix s
Loading/unloading automation.

**Bottom exhaust system**
the best guarantee for perfect cleaning of the workpieces at the outfeed

**Top exhaust system**
capable of exhausting the dust and chips from the worktable, when carrying out the workpieces unloading, with automatic connection to the exhaust system

**Unloading belt**
with photocell detection system

**Workpiece outfeed pusher with air blower unit**
for panel cleaning

http://goo.gl/pJhtC
The perfect solution to easily assist the operator’s work
Nesting cell with loading lifting table and unloading belt (also available with the loading version only or the unloading one)

Panel cleaning system
which provides an optimum holding down: air micro-jets clean the infeed panel and the worktable; with automatic lifting of tool changer (Scm patent)

Aligning device for infeed workpieces
ideal solution to make independent the output of the cell from the alignment quality of the panel stack

Workpiece loading unit with suction cups and air blower unit for panel cleaning

Automatic lifting table
pratix s
Loading/unloading automation.
- Possibility of installation: machining cycle.

Due to a modular project of the whole system, it is possible to install the whole cell both with the working flow towards the right side and the left side without the necessity of modifications or optional codes.

Partial compositions
Further to the decision of the working flow towards the right or left direction, the modular project allows the equipping of the cell only with loading or unloading with or without belt.
Loading/unloading automation.
- Manual labelling.

Manual label printer
the operator manually applies the label on the workpieces coming out of the machine
netline: guaranteed competitiveness!

- fast: very high execution speed and production time reduced to a minimum
- ease-of-use: does not require skilled operators
- costs reduction: a few minutes from design to production
- increased productivity: the software-machine integration sets to zero the programming time due to the automatic and immediate switching of information from design to production

netline: integrated processing advantages

OUR SOFTWARE PARTNERS

SPAI
xilog maestro of scmggroup: the advantage of having simple and intuitive software

- **ease-of-use**: easy planning of tri-dimensional elements due to the software modules:
  - **maestro ProView**: to create with real simulation, virtual measurement and anti-collision check of the workpiece to be machined
  - **maestro Nesting**: for rectangular and free-form elements; it also ensures reduced production time and tool paths
  - **maestro Cabinet**: to create complete cabinets and furniture
  - **maestro WD**: to create complete fastenings
  - **maestro 3D**: to create and work tri-dimensional surfaces

- **intuitive**: intuitive programming due the pre-set large graphics apps library
- **immediate**: worktable immediately set-up from 3D graphics
pratix
Machines set-up for all requirements.

<table>
<thead>
<tr>
<th>ideal set-up for:</th>
<th>pratix z5</th>
<th>pratix z2</th>
</tr>
</thead>
</table>
| **“A” PANEL MACHINING** | | • Remote machine control  
• Optimised centralised exhaust outlet  
• F12 boring head with inverter  
• 12 kW electrospindle and TR10 tool changer  
• Set-up for angular heads with preloading  
• Multifunction aluminium worktable with “T”-shaped grooves  
• No.3 stops for A field, no.3 stops for D field  
• Automatic centralised lubrication  
• 90/108 m³/h  50/60 Hz vacuum pump  
• Xilog Maestro software and Telesolve |
| **“B” GENERIC APPLICATIONS** | | • Remote machine control  
• Optimised centralised exhaust outlet  
• F12 boring head with inverter  
• 12 kW electrospindle and R8 tool changer  
• Set-up for angular heads with preloading  
• Multifunction aluminium worktable with “T”-shaped grooves  
• No.3 stops for A field, no.3 stops for D field  
• Automatic centralised lubrication  
• 90/108 m³/h  50/60 Hz vacuum pump  
• Xilog Maestro software and Telesolve |
| **“C” FULL OPTIONAL** | | • Remote machine control  
• Optimised centralised exhaust outlet  
• F12 boring head with inverter  
• 12 kW “Prisma 5” electrospindle with water cooling group  
• TR10 and R16 tool changers  
• Multifunction aluminium worktable with “T”-shaped grooves  
• No.3 stops for A field, no.3 stops for D field  
• Automatic centralised lubrication  
• 90/108 m³/h  50/60 Hz vacuum pump  
• Xilog Maestro software and Telesolve |
| **“D” DOORS APPLICATIONS / COMPLETE AUTOMATION** | | • Remote machine control  
• Optimised centralised exhaust outlet  
• F12 boring head with inverter  
• 12 kW electrospindle and R8 tool changer  
• No.2 outlets electrospindle for horizontal power routing  
• Interpolating Vector axis and Penta digital control  
• Multifunction aluminium worktable with “T”-shaped grooves  
• No.3 stops for A field, no.3 stops for D field  
• Automatic centralised lubrication  
• 90/108 m³/h  50/60 Hz vacuum pump  
• Xilog Maestro software and Telesolve |
**pratix z1**

- Remote machine control
- Centralised exhaust outlet
- F7 boring head with inverter
- 6.6 kW electrospindle and TR10 tool changer
- Set-up for angular heads with fixed mechanical coupling system
- Multifunction aluminium worktable with "T"-shaped grooves
- N.3 stops for A field; n.3 stops for D field
- Centralised lubrication with manual pump
- g0/108 m³/h 50/60 Hz vacuum pump
- Xilog Maestro software and Telesolve

**pratix s**

- "Tecpad" remote machine control with 7" colour touch-screen display
- Centralised exhaust outlet
- Machining on a single area
- 6.6 kW electrospindle and tool changer: TR8 for s12
  - TR10 for s15 • TR11 for s18 • TR13 for s22
- Set-up for angular heads with fixed mechanical coupling system
- "HE" multifunction aluminium worktable
- No.4 right rear stops for D field
- Centralised lubrication with manual pump
- Presetting for up to 2 vacuum pumps
- Xilog Maestro software and Telesolve
- Nesting rectangular module for Xilog Maestro

**pratix z1**

- Remote machine control
- Centralised exhaust outlet
- F12 boring head with inverter
- 9.5 kW electrospindle and TR10 tool changer
- Set-up for angular heads with fixed mechanical coupling system
- Multifunction aluminium worktable with "T"-shaped grooves
- N.3 stops for A field; n.3 stops for D field
- Centralised lubrication with manual pump
- g0/108 m³/h 50/60 Hz vacuum pump
- Xilog Maestro software and Telesolve

**pratix s**

- "Tecpad" remote machine control with 7" colour touch-screen display
- Centralised exhaust outlet
- Machining on a single area
- F7 boring head with inverter
- 6.6 kW electrospindle and tool changer: TR8 for s12
  - TR10 for s15 • TR11 for s18 • TR13 for s22
- Set-up for angular heads with fixed mechanical coupling system
- "HE" multifunction aluminium worktable
- No.4 right rear stops for D field
- Centralised lubrication with manual pump
- Presetting for up to 2 vacuum pumps
- Xilog Maestro software and Telesolve
- Nesting rectangular module for Xilog Maestro

**pratix z1**

- "Tecpad" remote machine control with 7" colour touch-screen display
- Centralised exhaust outlet
- Machining on a single area
- F12 boring head with inverter
- 9.5 kW electrospindle and TR10 tool changer
- Interpolating Vector axis with fixed mechanical coupling system
- Multifunction aluminium worktable with "T"-shaped grooves
- N.3 stops for A field; n.3 stops for D field
- Automatic centralised lubrication
- g0/108 m³/h 50/60 Hz vacuum pump
- Xilog Maestro software and Telesolve

**pratix s**

- "Tecpad" remote machine control with 7" colour touch-screen display
- Centralised exhaust outlet
- Machining on a single area
- F12 boring head with inverter
- 9.5 kW electrospindle and tool changer: TR8 for s12
  - TR10 for s15 • TR11 for s18 • TR13 for s22
- Interpolating Vector axis with fixed mechanical coupling system
- "HE" multifunction aluminium worktable
- No.4 right rear stops for D field
- Centralised lubrication with manual pump
- Presetting for up to 2 vacuum pumps
- Xilog Maestro software and Telesolve
- Nesting rectangular module for Xilog Maestro

**pratix z1**

- "Tecpad" remote machine control with 7" colour touch-screen display
- Centralised exhaust outlet
- Machining on a single area
- Loading lifting table with aligning device and suction cups
- Workpiece outfeed pusher and unloading belt
- F12 boring head with inverter
- 9.5 kW electrospindle and tool changer: TR8 for s12
  - TR10 for s15 • TR11 for s18 • TR13 for s22
- Set-up for angular heads with fixed mechanical coupling system
- "HE" multifunction aluminium worktable
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pratix

Overall dimensions and axes stroke.
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1 large integrated group
18 production sites
19 foreign branches
28 specialist brands
more than 60 years in business
80% exports
350 agents and dealers
390 registered patents
500 support technicians
3,000 square metres of showroom
10,000 classical and professional machines manufactured per year
240,000 square metres of production space
the best global partner that is very close to woodworking companies.

The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.