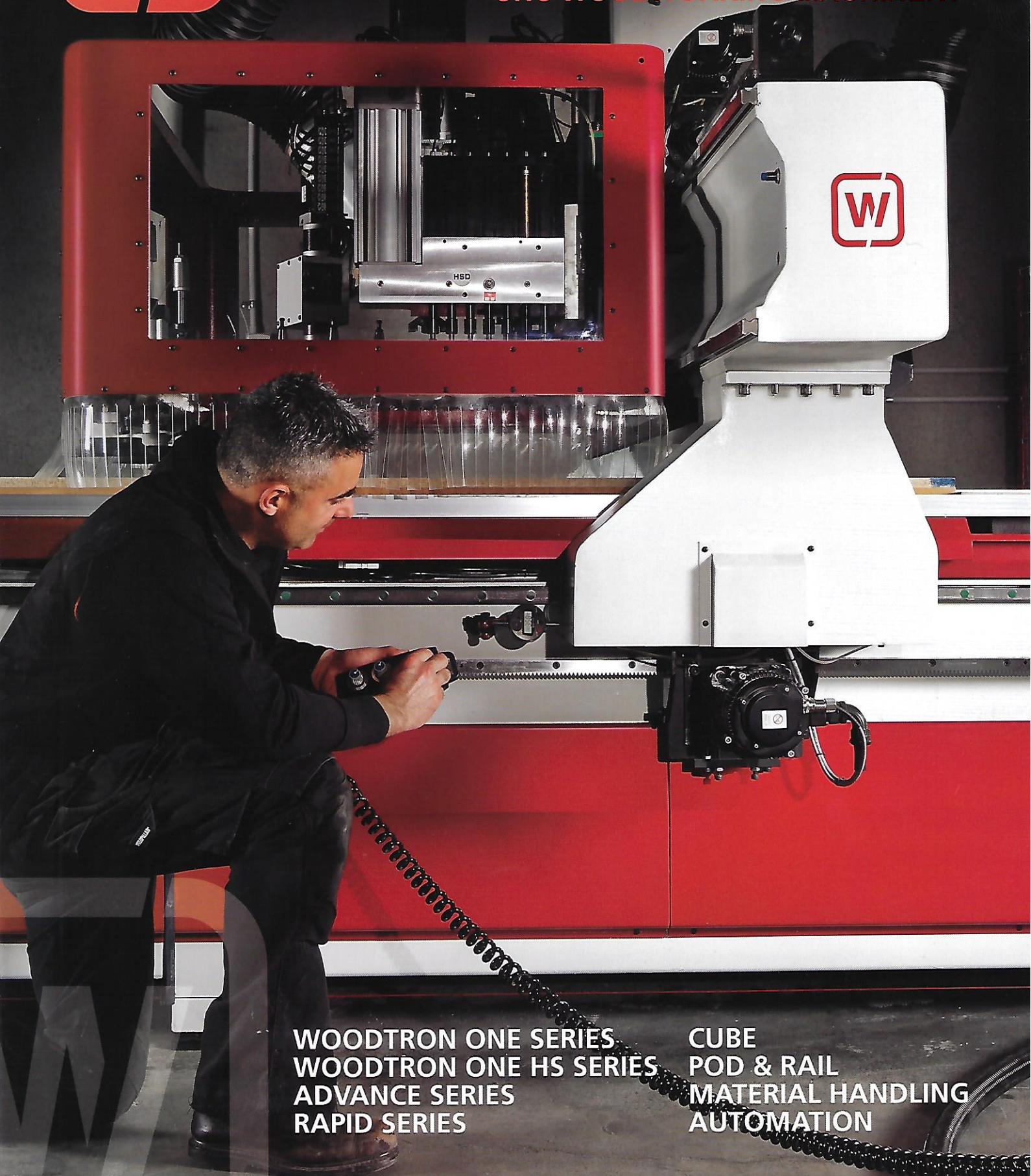




# WOODTRON

CNC WOODWORKING MACHINERY



WOODTRON ONE SERIES  
WOODTRON ONE HS SERIES  
ADVANCE SERIES  
RAPID SERIES

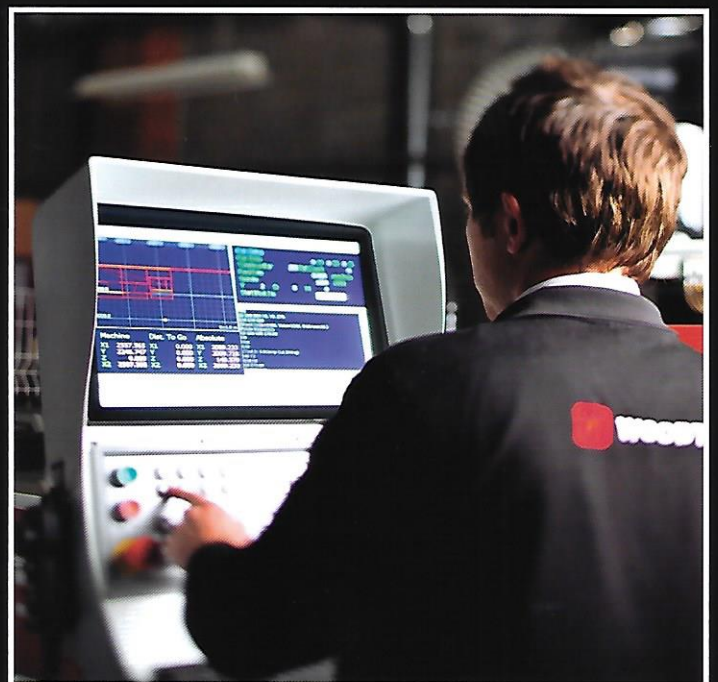
CUBE  
POD & RAIL  
MATERIAL HANDLING  
AUTOMATION



At Woodtron, we exclusively specialise in the design, manufacture and service of our CNC routers and utilise only the highest engineered leading components from all over the world.

We focus on providing a very personal service, as we strive to partner with our customer's long term goals. Because we design, manufacture and sell our own CNC machines we have a true understanding of the machines we sell, and this allows us to provide the very best of service to our customers.

Drawing on over 30 years' experience in the CNC router industry, **Geoff Sellman** (Director of Woodtron) understands the needs of the Australian woodworking industry. As a result, Woodtron provides fully customised solutions to suit customers' needs, whether that being cabinet making, shopfitting or even plastics.



# State of the Art CNC Woodworking Technology



## QUALITY, EFFICIENCY AND RELIABILITY

Woodtron's focus when designing machines is quality, efficiency and reliability, and this is shown in our latest range of CNC machines. Designed with the latest CAD software, modelling and simulation is conducted to assure high levels of rigidity and reliability in the most challenging environments. The machine frame is an integral part of the machine, and can sometimes be overlooked.

The Woodtron machine frame is fully welded heavy steel sections, with a solid 30mm plate underneath the matrix table, to guarantee the utmost stability and rigidity. The frame is also heat treated to relieve all stress prior to





precision machining. This provides the ultimate in accuracy and rigidity, that guarantees the customer high quality finish and long term reliability working under heavy production.

To complement our machines, we use the highest quality international components such as HSD Electro Spindles and Boring Heads, Yaskawa Servo motors, Hiwin bearings, Igus cabling, Schmalz, SMC, Siemens, Balluff and others, to ensure the long term reliability of the machine.

## **SERVICE / SPARE PARTS**

Woodtron prides itself on giving the best service, because we design, manufacture and sell our own machines, we are then able to provide professional support to our customers.

All our technicians are factory trained and are only dedicated to our CNC routers, which gives the customer true confidence when purchasing Woodtron machines.

Woodtron carries a full list of spare parts in Australia, and we are able to ship parts same day. This delivers peace of mind and minimal down time if a part was ever to be replaced.

## **REMOTE SUPPORT**

Woodtron also equips each machine with a remote logon module with a pan/tilt/zoom camera which allows a Woodtron Technician to access, view, diagnose and even drive the machine all in real time via an internet connection. Woodtron Remote Support allows for virtually instantaneous support, giving the ability to not only diagnose any issues promptly, but also to answer any questions the Machine Operator may have.

**WORKSHOP  
SERIES**

Woodtron One/  
Woodtron One Auto  
Woodtron One HS/  
Woodtron One Auto HS

**PRODUCTION  
SERIES**

Advance

Advance Auto/  
Advance Auto LB

**AUTOMATION  
SERIES**

Rapid Auto/  
Rapid Auto LB

<b>Sizes Available</b>	2412 (2400x1200)	2712 (2700x1200mm) 2718 (2700x1800mm) 3612 (3600x1200mm) 3618 (3600x1800mm)	2712 (2700x1200mm) 2718 (2700x1800mm) 3612 (3600x1200mm) 3618 (3600x1800mm)	2712 (2700x1200mm) 2718 (2700x1800mm) 3612 (3600x1200mm) 3618 (3600x1800mm)
<b>Electrospindle</b>	HSD	HSD	HSD	HSD
<b>Tool change</b>	10 Position Rotary Yaskawa	15 Position Rotary Yaskawa	15 Position Rotary Yaskawa	15 Position Rotary Yaskawa
<b>Drilling Head</b>	HSD 10 Spindle	HSD 18 Spindle	HSD 18 Spindle	HSD 18 Spindle
<b>Automatic loading/ unloading</b>	One/One HS - No One Auto/One Auto HS - Yes	No	Yes	Yes
<b>Tool Height Sensor</b>	Yes	Yes	Yes	Yes
<b>Mobile Controller with 21" monitor</b>	Yes	Yes	Yes	Yes
<b>Multi Vacuum Zones press button</b>	No	Yes	Yes	Yes
<b>Pusher with dust extraction</b>	Yes	Yes	Yes	Yes
<b>Under Table Dust Extraction</b>	One/One HS - No One Auto/One Auto HS - Yes	Yes	Yes	Yes
<b>Scissor Lift</b>	One/One HS - No One Auto/One Auto HS - Yes	No	Yes	Yes
<b>Outfeed Conveyor</b>	One/One HS - No One Auto/One Auto HS - Yes	No	Yes	Yes
<b>X-axis drive</b>	Yaskawa Sigma 7 Drives (kw. rating depending on machine model)			
<b>Y/Z-axis drives</b>	Yaskawa Sigma 7 Drives (kw. rating depending on machine model)			
<b>Vacuum zones*</b>	2412: B	2712: A/B/C 2718: A/B/C/D 3612: A/B/C/E 3618: A/B/C/D/E/F	2712: A/B/C 2718: A/B/C/D 3612: A/B/C/E 3618: A/B/C/D/E/F	2712: A/B/C 2718: A/B/C/D 3612: A/B/C/E 3618: A/B/C/D/E/F
<b>Remote Support</b>	Yes	Yes	Yes	Yes
<b>Remote Camera</b>	Yes	Yes	Yes	Yes
<b>Optional</b>				
<b>Auxiliary Labelling</b>	Option	Option	Option	Option
<b>Automatic Labelling (second generation)</b>	No	Option	Auto - Option Auto LB - Standard	Auto - Option Auto LB - Standard
<b>Oscillating Knife Unit</b>	Option	Option	Option	Option
<b>Tangential Knife Unit</b>	Option	Option	Option	Option

**\*Vacuum zones key**

A: 1200x1200mm, B: 2400x1200mm, C: 2700x1200mm, D:2400x1800mm, E: 3600x1200mm, F:3600x1800mm

Woodtron's latest range of CNC machines cover the most demanding production requirements, with the choice of stand alone machines, fully automatic nesting cells and customised solutions.

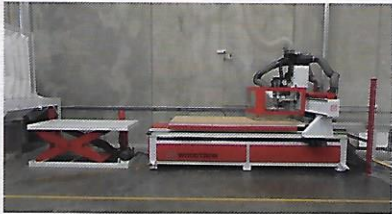
## WORKSHOP SERIES



### WOODTRON ONE / WOODTRON ONE AUTO

The Woodtron One is an entry level machine designed for smaller workshops with limited space, where high quality and flexibility are required. For those who require higher production but still have limited space, the Woodtron One Auto has simultaneous loading and unloading.

## COMPONENT SUPPLIERS



### WOODTRON ONE HS / WOODTRON ONE AUTO HS

The Woodtron ONE HS is an entry level machine designed for the smaller workshops with very limited space but allowing for flexibility and high throughput. Its high processing flexibility, the Woodtron ONE HS runs at 80m/min in the X and the Y axis with a vectoral speed of 115m/min. With the reliability and precision, the HS is more than capable at meeting high market demands.



## PRODUCTION SERIES



### ADVANCE

The Advance is a heavy duty, high speed, stand alone nesting machine. It has been designed for the smaller workshop, with limited floor space where production needs do not require a fully automatic machine.



### ADVANCE AUTO / ADVANCE AUTO LB

The Woodtron Advance Auto is a fully automatic nesting cell, with simultaneous loading and unloading of panels. The Woodtron Advance Auto LB combines the fully automatic nesting cell with an NC controlled automatic labelling machine, creating a perfect solution for flexibility, performance and high production.

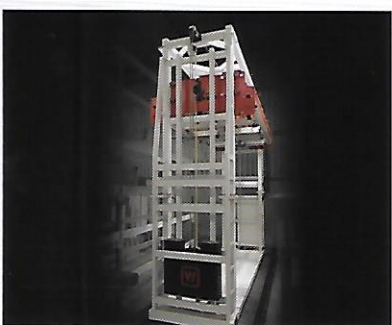


## AUTOMATION SERIES



### RAPID AUTO / RAPID AUTO LB

The Woodtron Rapid LB is a fully automatic nesting cell which delivers unsurpassed productivity, with the combination of an NC automatic labelling machine and traverse speeds of 110m/min X Axis 100m/min Y Axis, vectoral speed of 148m/min. The Rapid can be effortlessly integrated into the Cube board storage system for the ideal output working cell.



### CUBE

The ultimate in board storage systems. A smaller footprint than horizontal systems, the Cube delivers Just-In-Time production without having to make rainbow packs and thus there is no need for lights out operation. The Cube can be integrated into nesting cells with the significant increase in productivity. With easy accessibility of panels and no downtime due to manual loading or forklifting of panels, the Cube board storage system is the key to automate your production.



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