

FUSION APX

1228R



DESIGN FEATURES

GANTRY - STYLE

Gantry - Style machining centre for processing solid wood, MDF/Particle board panels, plastics, aluminium and composite materials.

HEAVY DUTY

Providing exceptional durability and stability, ensuring precise and consistent performance during high-speed machining.

ROUTER SPINDLE

High performance (industry proven) precision router spindle.

NESTED BASED MANUFACTURING (NBM)

Optimize material usage by nesting parts closely together, reducing waste and enhancing production efficiency.



**Innovation.
Automation.
Satisfaction.**

FUSION APX 1228R

FEATURES

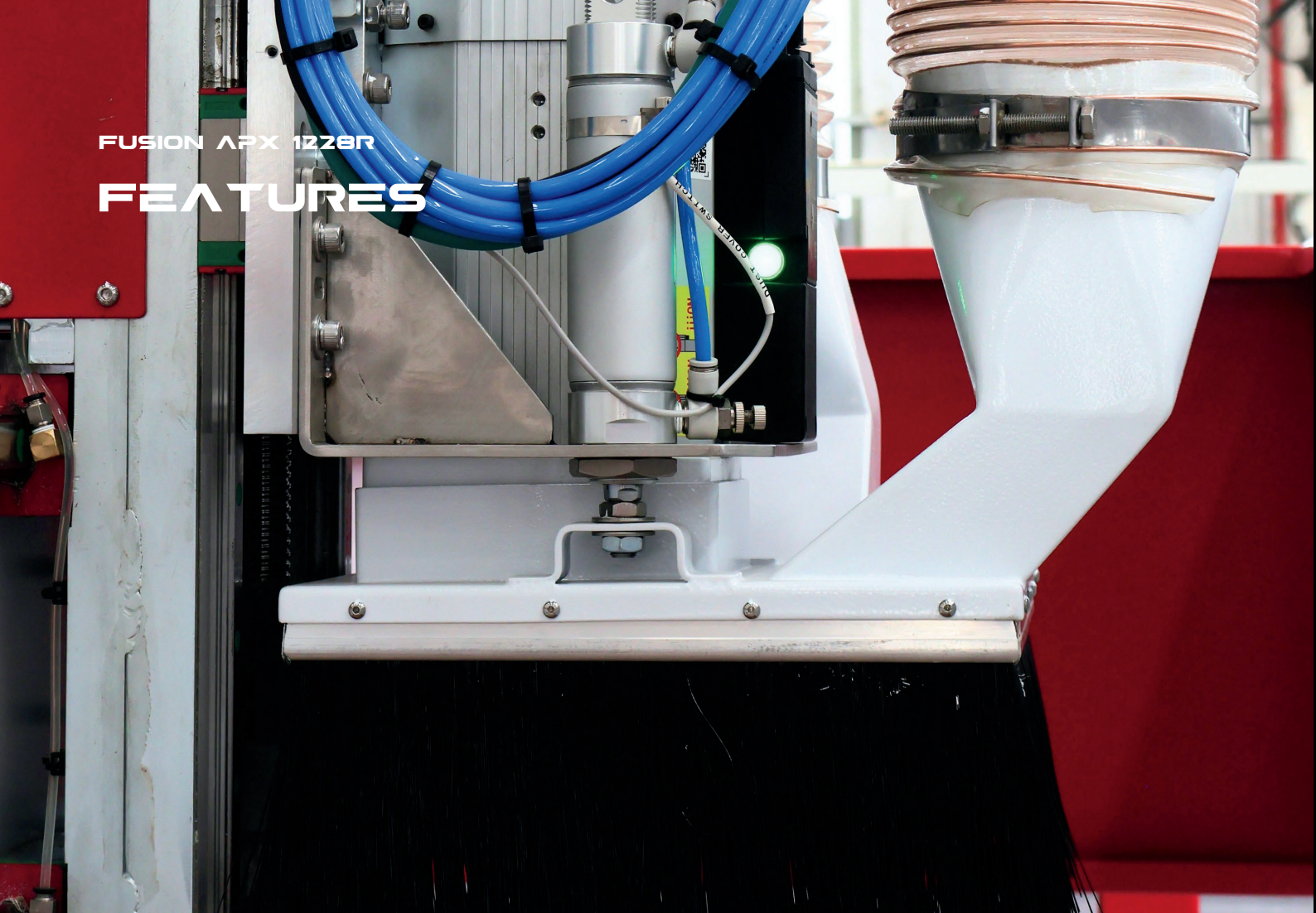
The Fusion APX 1228R is a high-precision, heavy-duty machine equipped with a 9kW HSD router, renowned for its superior quality and durability. It features an automatic tool change system and versatile spindle rotation, making it suitable for various applications, including countertops.

The machine's vacuum system includes two 5.5kW rotary vane pumps, providing powerful suction with oil-free discharge. The phenolic table top has four individually controlled vacuum zones for maximum efficiency. The drive guide system, powered by ESTUN Servo motors and precision linear guides, ensures accurate movement along all axes. Additionally, the table is fitted with pneumatically activated locator stops for precise and effortless workpiece positioning.



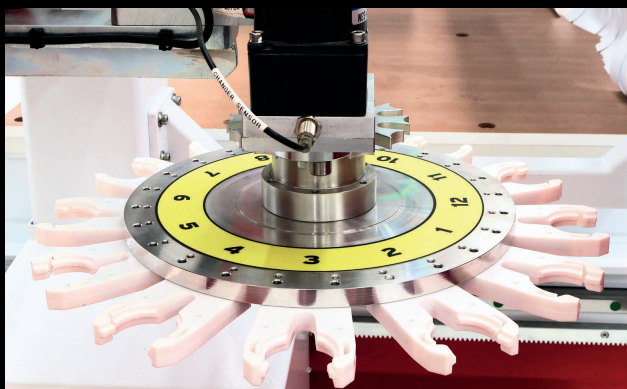
FUSION APX 1228R

FEATURES



Spindle

High precision heavy—duty 9kW (12.0Hp) HSD router with internal cooling fan and ISO30 collet. Manufactured in Italy, HSD routers are renowned worldwide for their superior quality and durability. The Automatic tool change feature combined with left or right spindle rotation make this a very versatile machine that is also suitable for counter tops.



Tool Rack

Rear mounted linear magazine with 12 tool capacity. Auto tool change via NC.



PC Control

High quality reliable Italian controller. Easy to customise interface and fitted with internet remote assistance for ease of support.

FUSION APX 1228R

FEATURES



Tool Calibration Pad

The integrated sensor pad allows the operator to quickly and accurately calibrate each tool. The tool length is then automatically stored in the tool offset file.



High Precision Drivers

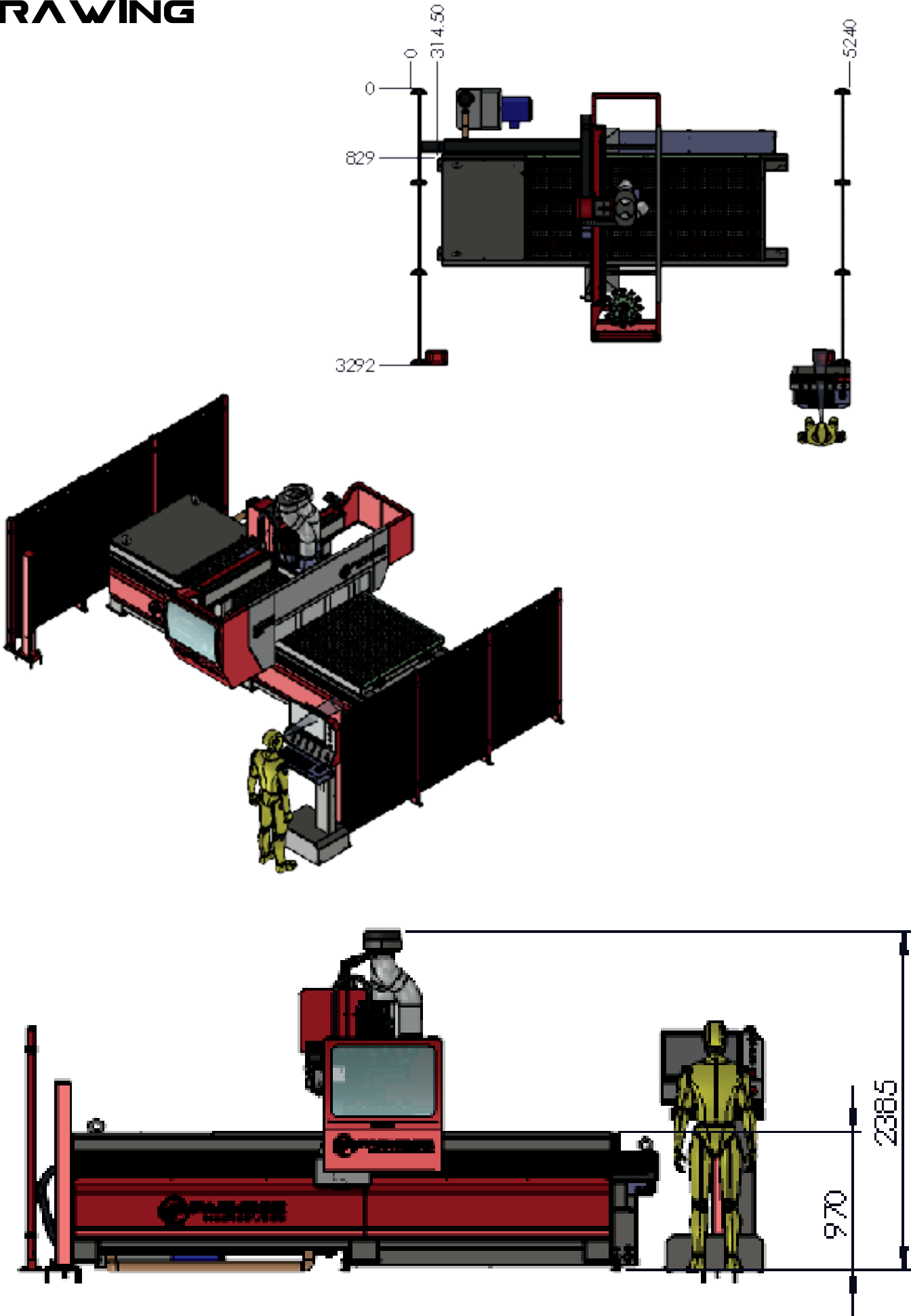
All axis are driven by ESTUN Servo motors with Planetary Gear boxes. Superior quality linear guides and bearings units are used on all three of the machine's axis. Precise movement along the X and Y axis is achieved via induction hardened oblique/helical rack and pinion drive systems. Z axis (vertical) movement accuracy is assured via a precision ground re-circulating ball screw.



TECHNICAL
SPECIFICATIONS

Technical Specifications	Metric
Table Size	2800 X 1220 mm
Floor Area	2400 x 4000 mm
Height	1850 mm
Weight	2300 kg
X - Axis Stroke	1300 mm
Y - Axis Stroke	2850 mm
mmZ - Axis	250mm
X,Y - Axis Max. Feed Speed	50m /min
Z - Axis Max. Feed Speed	5m /min
At Head With	
No. Of Spindles	1
Tool Holder Shank Main	ISO30, Air Cooled
Number Of Tools	12
Speed	1000 - 24000 rpm
Tool Shank DIA	25 mm Max
AT Head Motor Power	9.0 kw (12.0hp)
Vacuum Pump 320bm/ hr	7.5kw
Air Pressure	6 bar (* 85psi)
NC Controller	NC Studio

TECHNICAL
DRAWING



We Know That Support Is Important To You

Buying a new machine is a big commitment for anyone and continued support throughout the life of that machine is vital.

Being a local company, Farnese carry a vast array of parts locally to ensure that your machine always has the spares it needs. Enjoy peace of mind knowing that you'll be fully supported by Farnese and we'll always have you covered.

Farnese customers don't need to experience unnecessary machinery downtime waiting for remote assistance from other countries, as all the support and remote assistance is provided locally from our own qualified Technicians.

Our mission here at Farnese is to give you the best support in the industry. As we grow, we continue to recruit more and more qualified technicians to further strengthen our position in the Stone Industry.



04 526 8589

68 Montgomery Crescent
P.O Box 40 809
Upper Hutt, 5018

FARNESE.CO.NZ