



RANGER is the Panel Router with Vertical Table for high-speed panel cutting, drilling and milling.

Ranger is a machine designed and equipped to process panels made of different materials, such as solid aluminium, ACM, HPL, fibre cement and plastic, which are used in a variety of sectors, including architecture, industry, transport, interior design and signage.

The verticality of the worktable, its solid construction and patented automation systems are just 3 of the main features of Ranger that ensure increased safety, efficiency, cleanliness and quality during processing.

You get fast, accurate processing on a small footprint, simple programming, and - thanks to gravity - clean working surfaces.



PC controller system

Up to 7-axis control (X, Y, Z interpolating)

17" LCD colour monitor

Ethernet and USB connection to PC.

An optional hand-held remote can be supplied with 4 lines and 16 characters with speed control and manual axis control.

Overview and features

- Space saving and maximum accessibility
- Machine frame electrowelded with monolithic structure
- "Gantry" type beam to reduce vibration
- Three-axis movement via quality componentry, including brushless AC servomotors and digital Yaskawa drivers
- High production speed with dedicated working units
- Friendly user programming with variable parametrics
- Vertical working table ensures panels are always clean from shavings, due to the advanced dust extraction system - and gravity.

The ALU Ranger comes in a variety of sizes and configurations. The 4216 detailed here is just one of several models available.

Specifications

Main spindle	3.3kW x 2
X, Y, Z working area	4200 x 1600 x 80mm
Spindle speeds	18,000rpm
Maximum cutting height	X = 30, Y = 30 & Z = 10m/min
Interface	USB
Drive system	Servo
Vacuum	1 x 100m ³ /h. 5 zones
Total input power	10kW
Weight	2200kg

Specifications are subject to change without notice.