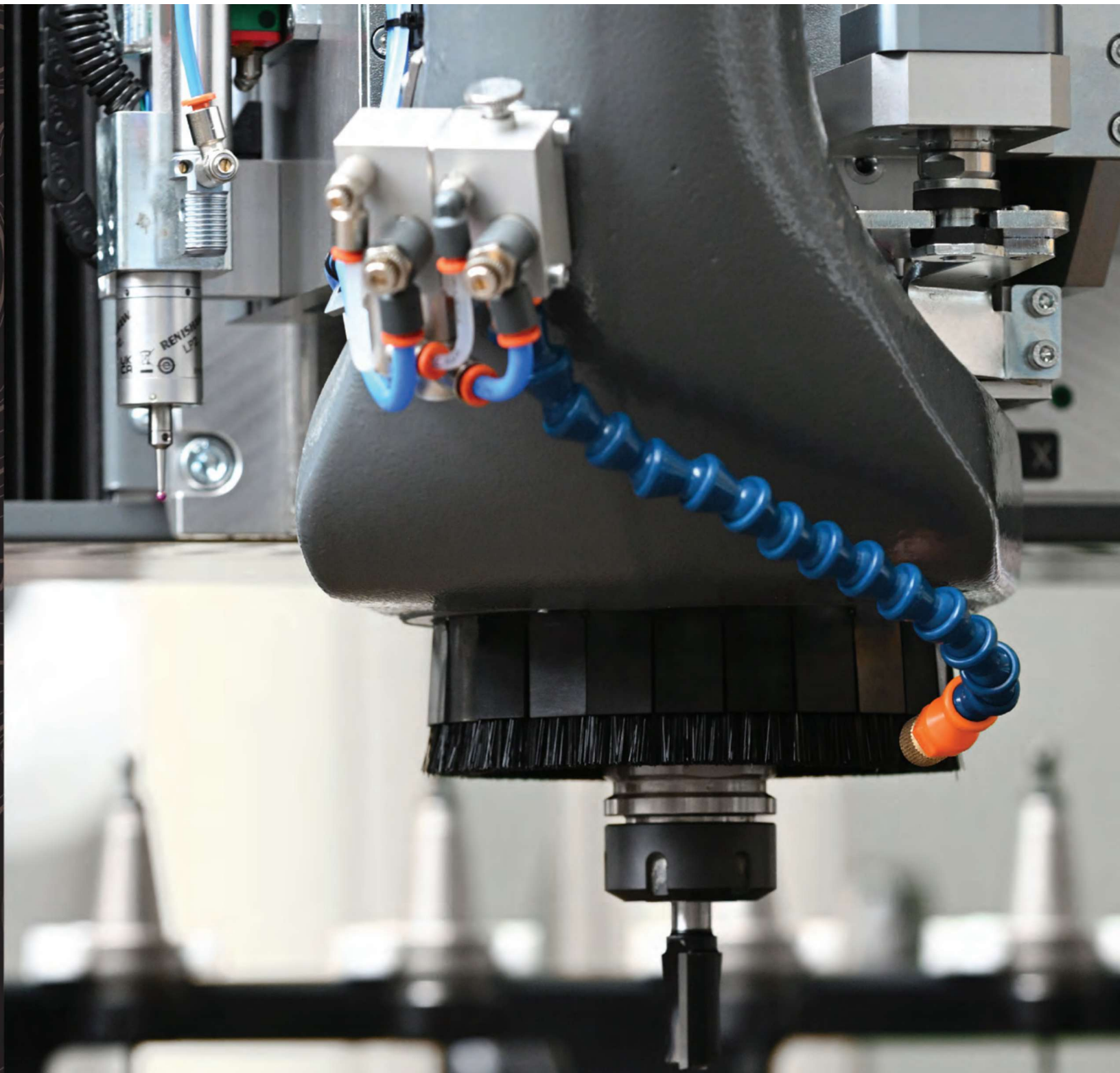




KIMLA

INDUSTRIAL CNC ROUTERS



KIMLA-BPFM THE MADONNA

FOR: WOOD, MDF, PLYWOOD, ALUMINUM, COMPOSITES, CARDBOARD, AND PLASTICS



- The all-new BPFM was designed for panel processing in the sign, wood, aluminum, and composites industries. With a solid tube-framed table design and a 10mm thick-walled, aircraft-grade, vibration-deadening aluminum gantry, *the Madonna*, as it's affectionately called, is your industrial Swiss army knife. Equipped with some of the same hard-hitting features of the BPF, like a motorized dust boot, an auto-surfacing probe, a servo-driven knife system, and more, the BPFM makes sure that sacrifice is never an option.
- Comes standard with a Mod2 helical rack and pinion system with ultra-high precision planetary gearbox for smooth motion and accuracy of 0.001" and speeds up to 3,000 inches per minute.
- High force programmable servo driven oscillating knife system with matched crease, drag, and tapping ability.
- Multiple spindle options ranging from 4 to 16 horsepower at 24,000-50,000 rpm depending on application.

POPULAR OPTIONS:



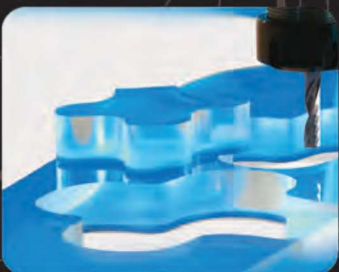
Dual Knife System



Vision Recognition System



Motorized Dust Boot



KiMLA-BPF

FOR: WOOD, MDF, PLYWOOD, ALUMINUM, COMPOSITES, CARDBOARD, AND PLASTICS



- The Kimla BPF router takes all aspects of CNC machining to the next level with a fully customizable platform. Processing speed, build quality, operating system and ease of use are unsurpassed by any competitor in its class.
- Maximum operating performance is achieved through precision ground and hardened helical rack and pinion drives and ball screws or the optional **MagLev™** linear motor system. All guides, motors and sensors are fully enclosed, minimizing cleaning, maintenance, and machine downtime while maximizing machine life.
- Kimla's Dynamic Vector Analysis Control system processes up to 15,000 lines of G-code per second, ensuring smooth feed speed regulation. Real-time ethernet-controlled servo drives continuously monitor and adjust speed and positioning, achieving accuracy up to 0.000039" with optional **MagLev™** technology. This results in exceptional cutting finishes across various materials, with feed rates up to 3,500 inches per minute.
- Multiple spindle options ranging from 4 to 40 horsepower at 24,000 rpm depending on application.

POPULAR OPTIONS:



Renishaw Touch Probe



MagLev™ Technology



Rigid Tapping Module



KiMLA-BFN 5D

FOR: ALUMINUM, COPPER, STEEL, PLASTIC, AND COMPOSITE MATERIALS



- The Kimla 5D surpasses the industry standard with the same advantages as the BPF but on a larger, heavier platform and the addition of a fully programmable 5-axis head. Processing speed, build quality, operating system and ease of use are still at the heart of this machine. Kimla's Dynamic Vector Analysis Control (DVA) system processes up to 15,000 lines of G-code per second for smooth regulation of the feed speed. With the optional **MagLev™** technology, the motion accuracy up to 0.000039" can achieve unmatched surface finishes and extremely high part tolerances.
- The 5D is often used in full 3D machining, casting, thermo-forming and mold and die making applications with gantry clearances up to 6 feet and a wide range of work areas.
- The 5-axis head provides a highly rigid and effective dynamic movement allowing for simultaneous interpolation of all axes. Multiple spindle options ranging from 7 to 40 horsepower at 18,000-50,000 rpm depending on application.

POPULAR OPTIONS:



Renishaw Touch Probe



5-Axis Knife System



Hybrid Table Design

