



WXYZ[™]
INTERNATIONAL

Print to Cut Router & Knife Combinations



With such a wide choice of tooling you can now process a vast range of rigid and semi rigid materials from foam board and cardboard to plastics, woods and aluminium all on the same machine.

Almost any combination of router and knife tools can be configured on single or multiple heads with the optional AVS camera registration system.

A robust XYZ cutting table is the perfect partner for your flat bed printer allowing you to use the right cutting tool for all printed materials.

PRINT TO CUT



The AXYZ knife tools and camera registration options have been developed for the graphics and print finishing market. Almost any combination of router and knife tools can be configured on single or multiple heads with the optional AVS camera registration system.

Routing Spindle

A choice of powerful routing spindles are perfect for cutting hard or thick substrates such as acrylic, aluminium, wood and ACM which can all be cut in a single pass for maximum throughput. These spindles can be used manually or in conjunction with our ATC automatic tool changer carousel for automatic changing of tool bits.



Oscillating Tangential Knife

The Oscillating Tangential knife is designed to provide high accuracy cutting of a wide range of semi rigid materials. Blade oscillation and tangential control ensures that the cutting blade delivers accurate cuts even on thicker materials without excessive over cut. The Oscillating knife is available with a wide range of blade lengths and attack angles, to suit a wide variety of materials. The Oscillating knife in conjunction with the AXYZ AVS system delivers incredible value for any print to cut operation.

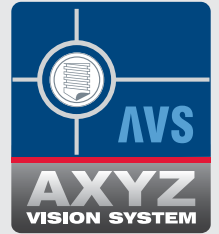


Multi Purpose Tangential Knife

The Tangential Knife adds the robustness needed for heavier knife cutting applications than the vinyl knife can accommodate. A selection of optional interchangeable cartridges are available which can accommodate standard knife blades as well as pizza wheel cutters, creasing wheels and 45degree blades. The tangential knife can be used for cutting styrene, composites, duct liner, X-board and many other materials.



When it comes to machine vision and camera registration AXYZ has a state of the art solution available which offers outstanding performance and return on investment. Please contact your local AXYZ representative for detailed information and system requirements.



AVS - AXYZ Vision System

The AXYZ Vision System is a low cost solution, fast to setup, easy to use and suitable for most print to cut applications using router, knife or both cutting tools.

- Automatic compensation for all location, rotation, stretch and skew distortions
- Fully integrated with AXYZ A2MC controller
- Works with programs from any CAM software
- Intuitive operator interface with full colour graphical image for fast and accurate operation



**Contact *AXYZ* today for more information and
a machine quotation based on your specific needs**



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