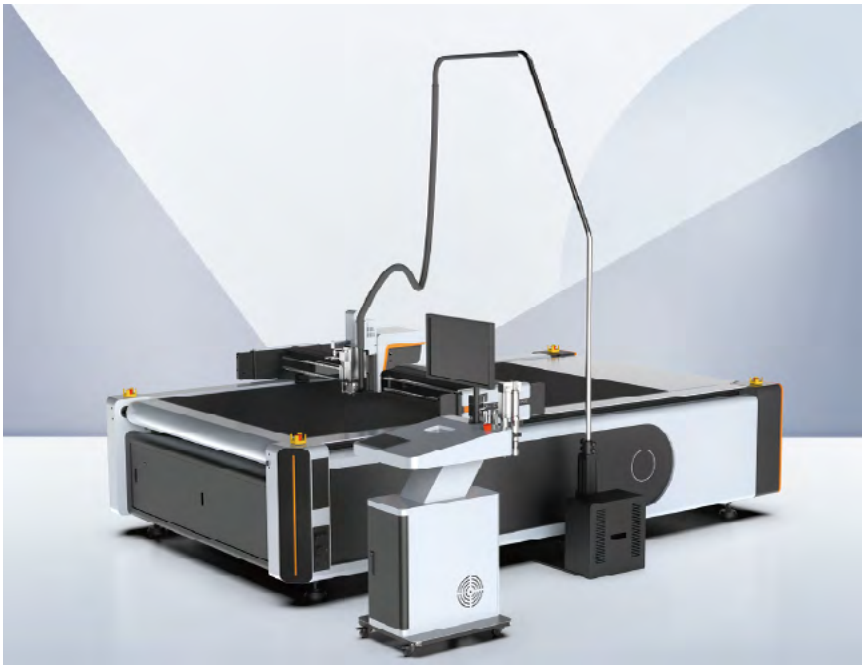
CONTOUR PLUS 1625 PAS

Automatic cutting machine. The system processes vector graphics and converts them into cutting lines. The equipment is equipped with a variety of cutting tools, allowing for folding and cutting in different materials. This system is ideal for cutting the following materials: self-adhesive materials, cardboard, KT board, PP plastic, corrugated cardboard, among others.



Product Advantages:

- The software developed by CONTOUR PLUS allows for one-click file import, and a general worker can learn to use it in just 2 hours.
- The independently developed industrial vision system enables precise cutting on irregular printing patterns.
- The transmission system with a linear guide from Taiwan ensures an accuracy of ±0.1 mm.
- With Japan's Panasonic servo system, production efficiency increases by more than four times.
- The automatic feeding and receiving system saves time and energy.
- The exclusive CONTOUR PLUS tool exchange system allows a single machine to perform a variety of processes.
- Additionally, it features 8-16 independent vacuum adsorption zones, ensuring that materials remain securely in place during cutting.
- All of this is based on the industry's leading scanning and post-cutting technology.

Technical Parameters

MODELO			
Working range	3200*2500mm	**Rated power**	17KW
Product sizes	6000*5500*1600MM	**Rated Voltage**	380V 50H 3 PHASE
Cutting thickness	≤50MM	**Interface**	Enternet port
Cutting speed	0-1800MM/S	**Control panel**	LCD touch screen
Cutting tools	Oscillatory cutter, rotary cutter, pneumatic cutter + crease wheel, V cut + miling cutter		
Cutting materials	Cardboard, packaging cardboard, corrugated cardboard, honeycomb board, expanded polystyrene board, foam board, automotive adhesives, polypropylene adhesive material, expanded polyethylene, ethylene vinyl acetate, PVC board, acrylic board.		

Why choose the CONTOUR PLUS Software System?

- Easy editing system.
- Convenient operation.
- Automatic extraction of the cutting path.
- Integration with graphic design software

Intelligent cutting process

Oscillating knife tool

La herramienta oscilante eléctrica es muy adecuada para cortar materiales de densidad media. Coordinada con varios tipos de cuchillas, se aplica para cortar diferentes materiales.
Aplicaciones: tablero de espuma, tablero de panal, alfombras, materiales corrugados, cartón, tablero KT, tablero gris, materiales compuestos y cuero.

Kiss-cut knife tool

La herramienta kiss cut se utiliza principalmente para cortar materiales de vinilo (etiquetas). El corte con contorno permite que la herramienta corte la parte superior del material sin dañar la parte inferior. Esto permite una alta velocidad de corte para el procesamiento de materiales.. **Aplicaciones:** stickers, materiales reflectivos, vinilos autoadhesivos, etiquetas, vinilo, película reflectiva para ingeniería, adhesivos de doble capa.

V-cut knife tool

Especializada en el procesamiento de corte en V en materiales corrugados. La herramienta Contour plus V-cut puede cortar 0º, 15º, 22,5º, 30º y 45º.
Aplicaciones: Tablero suave, tablero KT, cartón corrugado, caja de embalaje, materiales de densidad media V-cut, embalaje de cartón, cartón rígido.

Creasing wheel tool

Una selección de herramientas de marcado permite un marcado perfecto. Coordinadas con el software de corte, la herramienta puede cortar los materiales corrugados a lo largo de su estructura o en la dirección inversa para obtener el mejor resultado de marcado, sin dañar la superficie del material corrugado.
Aplicaciones: caja de embalaje, coche plegable, cartón corrugado, cartón.

Marking pen

The cylinder is controlled by the solenoid valve to perform the marking function. It is suitable for leather, fabric, and other materials for recording, sorting, counting, and prototyping.
Applications: leather, fabric, cardboard, and other materials.

Circular knife tool

The circular knife positions the material using high-speed rotating blades driven by a servo motor. The tool can be equipped with circular blades, decagonal blades, among others. These are especially suitable for cutting woven materials.
Applications: textiles, canvas, leather, fabric, UV fabric, carbon fabric, glass fabric, carpet, blanket, fur, woven fabric, double-layer composite.

Drag knife tool

The drag knife tool can perfectly cut materials with a thickness of up to 5 mm. Compared to other cutting tools, it is the most cost-effective, allowing for the fastest cutting speed and the lowest maintenance cost.
Applications: backlit film, adhesives, PP paper, folding cards, flexible materials under 3 mm thick, advertising materials, KT board, flexible plastics, mobile phone film.

Milling knife tool

With an imported spindle, it has a rotation speed of 24,000 rpm. It is used for cutting hard materials with a maximum thickness of 20 mm. The customized cleaning device removes production dust and debris. The air cooling system extends the life of the blade.
Applications: acrylic, MDF board, PVD board, display stand.

Pneumatic knife tool

Driven by compressed air, this tool is specially designed for cutting hard and compact materials. Equipped with different types of blades, it can achieve various processing effects. The tool can cut materials up to 100 mm using specialized blades.

Applications: asbestos board, asbestos-free board, PTFE, rubber board, fluorine rubber board, silica gel board, graphite board, graphite composite board.

Punching tool

Making holes, V-shape punch, and flat punch

Applications: Leather fabric cutting:

1. V-shape punch.
2. Flat punch.