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UNICO TT (UNICO TT)

With an easy to use and functional design, the UNICO TT is particularly suitable for use in the advertisement sector and is a true 3D milling machine.



Features

UNICO TT is equipped with an automatic planar tool changer with 6, 9 or 12 position depending on the machine width and the customer's request. The availability of multiple tools and their changing speed make easy even the hardest machining.

The ability to work materials with the material milling technique as well as the use of blade cutting systems make UNICO TT one of the most versatile machines on the market.

Features

- The CAD / CAM system, which UNICO CNC is equipped with and the simple and intuitive graphical interface of the SW, makes the machine very simple to use. For example, by selecting a tool from a customizable library, importing 2D drawings in various formats (DXF, DWG, EPS), and the application of work strategies already parameterized
- **ELECTRO SPINDLE** - 4,5 kW high frequency SPINDLE (S6) – 24,000 rpm, liquid cooled. Tool holding system is ISO 30
- **CONTROL CONSOLE** - Mobile control console mounted on wheels complete with interface and PC Mitsubishi CNC. All electronics are installed inside the electrical panel located inside the chassis of the machine
- **PRESETTING** - Tool length measurement and breaking control carried out by Protek technology
- **LOCKING SYSTEM** - Locking system for sheets and fabrics with vacuum technology (pumps)
- **LUBRICATION** - Minimal external lubrication system of the tool
- **SWARF EXTRACTION UNIT** - Aspiration system specifically designed

Advantages

- **TOOL CHANGER** - Automatic planar tool change at 6, 9 or 12 positions on the back of the machine
- The sealing system consists of three blowers 4 kW each for a powerful hold of micro pieces
- The CN parameters are processed directly by the drivers and guarantee higher speed and quality of cutting

Range of Applications

- PACKAGING
- CARDBOARD FURNISHING
- DIGITAL PRINTING
- JEWELLERY
- FASHION ACCESSORIES
- SIGNS
- INDUSTRIAL SUPPLIES

Machinable Materials include aluminum composite materials, aluminum and aluminum alloys, wood, plastics and acrylics, carta, paper cardboard (flat and corrugated), magnetic media, polypropylene, self-adhesive vinyl, masking films, reflective materials, leather, fiberglass, felt, carbon fiber, Kevlar, sponge, rubber, polystyrene, cork.

Options

Machine Options

- Visiotek unit - Vision system Protek VISIOTEK
- Flatness probing system - FLATNESS probing surface system
- "K" Unit (Cutting Blade) Setup/In House - For cutting and creasing multilayered and alveolar corrugated cardboard, molding carpets, mats, rubber gaskets, sponges and foam
- Lubro-refrigerating tool kit
- Air cooling system -10°C
- Dust extraction system for dust and shaving
- Vertical "simplified" working table for processing resumption of the pieces
- Electro-spindle 50.000 rpm

Specifications