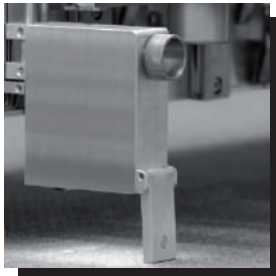




Pictured is a DCS.3 with optional automatic sheet feeder and conveyor system

JORG DCS.3 Digital Cutting System

High-End Production System for industrial purpose



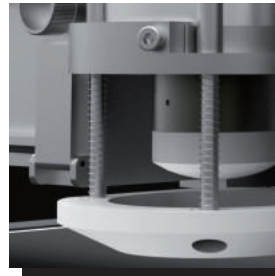
Precise Automatic Positioning System



Safety Device



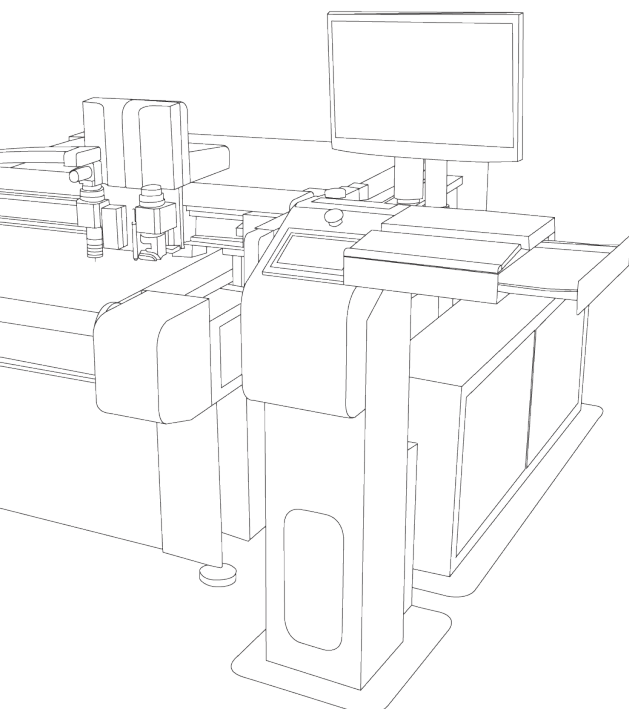
Efficient Cutting Heads



Router Tool Kit



V-Cutting Tool



Do you want to cut cardboard, corrugated paper, twin-wall sheets, composites, acrylic sheets, rubber sheets, foam materials, foils or leather? Then the JORG DCS.3 is the ideal tool for your production. The JORG DCS.3 is a high-precision multifunctional CAD/CAM cutting system of the latest generation and is suitable for cutting all non-metallic, rigid or flexible materials. It quickly and affordably produces small to medium production runs for advertising and packing technology, such as individual cartons with foam inserts, displays, stickers, foil cuts, acrylic cuts, heavy sheeting and much more. The JORG DCS.3 is

available in a variety of working widths and consists of a flatbed workbench on which an x/y coordinate system is mounted to accept the EasyChange MultiTool head. The working path of the EasyChange MultiTool is generated by the superimposed movements of the X and Y axis. The EasyChange MultiTool head can hold and control up to 3 tools simultaneously. A variety of tools suitable for a range of different applications are available for the MultiTool tool holder. The choice of tools depends on the material used and the cuttings stages which are necessary. The CutterServer Software makes the cutting process smooth, efficient and perfect.

JORG DCS.3 TOOLS

High Precision Tools for various tasks



Universal Cutting Tool | UCT

The Universal Cutting Tool with tangential knife is used for through-cutting materials with thicknesses up to 5 mm, fast speed and low cost.



Electric Oscillating Tool | EOT

Electric Oscillating Tool for cutting soft and medium density materials like KT board, cardboard, corrugated board, PVC, leather up to 2,5 mm stroke.



Pneumatic Oscillating Tool | POT

The Pneumatic Oscillating Tool is an air-driven tool with high oscillating frequency. The stroke up to 8 mm is suitable for cutting hard, high dense materials like honeycomb board, gasket, rubber, shoe sole etc. It can cut materials such as foam up to 50 mm thickness (optional up to 110 mm with a special blade).

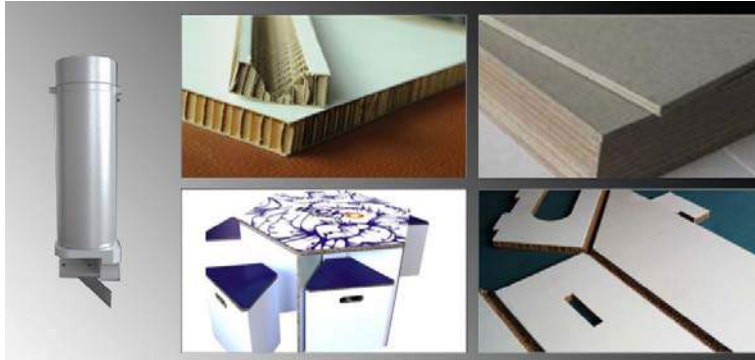


Kiss Cut Tool | KCT

The Kiss Cut Tool is for cutting foil, films, thin paper, cardboard and other thin materials. The tool can cutting half through like label, sticker and vinyl.

JORG DCS.3 TOOLS

High Precision Tools for various tasks



V-Cut Tool | VCT

The V-Cut Tool is perfect for producing complex structural designs from foam core or sandwich board materials. The tool can be set for cutting 5 different angles for different cutting requests. The 5 different angles are 0°, 15°, 22.5°, 30° and 45° respectively.



Creasing Tool | CTT

The Creasing Tool is used to do the creasing on the corrugated materials. Different creasing tools for different materials can make perfect creasing.



CNC Router Tool | RZ

The CNC Router Tool with high rotary speed up to 60.000 rpm delivers solid performance in a wide range of applications on the hard materials and soft form materials (for example Acrylic, Forex, MDF, PVC, Di-Bond). It can do precise engraving like the Kiss Cut Tool. The special dust-extraction can reduce the waste effectively during the work.



Driven Rotary Tool | DRT

The Driven Rotary Tool is a special tool for cutting textiles.



Specifications	JORG DCS.3 Digital Cutting System
Typical applications and functions	The DCS.3 Digital.Cutting System is a high precision system what can realize through cutting, kiss cutting, milling, punching, creasing and marking functions with high speed and high precision. With autoloader and robot-arms, it can complete the material feeding and collecting quickly. The DCS.3 is quite suitable for sample making, short run and mass production in sign, advertising, printing and packaging.
Cutting Material	Corrugated paper, Cardboard, KT board, Composite Material, Honey Comb Plate, Acrylic, PVC, Foam, Rubber, etc.
Cutting Model	DCS.3-1713: 1.700 mm x 1.300 mm DCS.3-2513: 2.500 mm x 1.300 mm DCS.3-2517: 2.500 mm x 1.700 mm DCS.3-3017: 3.000 mm x 1.700 mm Special formats upon request
Cutting Speed	≤ 1.500 mm/s
Cutting Depth	≤ 50 mm (optional up to 110 mm)
Cutting Accuracy	≤ 0,1 mm
Media Fixture Method	Vacuum System
Pump Power	5.5KW / 7.5KW / 9KW
Operating Environment	Temperature 0°C - 40°C Humidity 20% - 80% RH
Software	JORG DCS.CUT 2.0 incl. track the cutting path, create material library with suitable tools, blades and parameters, Cloud Control Center for fast remote diagnostic and upgrades
Required data files	DXF, HPGL, PDF
Included	Universal Cutting Tool (Drag Knife), Creasing Tool, Pen Tool, Operation Table (PC Desk), DCS.Cut 2.0 Cutting Software
Options	Conveyor system for each size, Electric Oscillating Tool, Pneumatic Oscillating Tool, CNC Router, V-Cut Tool, Kiss-Cut Tool, Driven Rotary Tool, CCD Camera Registration System, Autoloader, Robot Arm
Interface	Serial Port
Power Supply	220V/50Hz 380V/50Hz

