

FLATBED CUTTING SYSTEM

ROLAND | VALIANI

RV5080



UP TO
20 mm
in thickness*

RV5080 is an affordable cutting solution for short to medium cutting runs. The RV5080 is the ideal solution for any company wishing to start producing mock-ups, prototypes and small production lots without the need of a cutting die.

Features

RV5080 is a single head system capable of swapping from one tool to another in **less than 10 Secs** without any adjustment. It comes with a Tangential cutting tool as standard, (cutting up to 5 mm) and the OptiCrop Software to import vector file and detect printing crop marks.

Productivity

The RV5080 can hold **two A3+ sheets** or a material whose maximum size is 54 x 80 cm. The RV5080 comes with a base, a vacuum bed for easier media holding, a fold away pins system for easy-alignment and a camera for crop mark detection.

Creasing & Thick Materials

The RV5080 is also equipped with a Creasing Module and a set of 9 different creasers/perforating wheels that can handle cardstocks and corrugated cardboards. An Oscillating cutting tool, capable of cutting materials up to **20 mm**, such as foam, PVC and other heavy material, is available as an optional extra. *

**other accessories are available on request.*



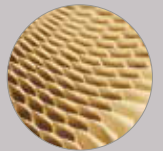
FOAMBOARD MEDIA



ADHESIVE VINYL



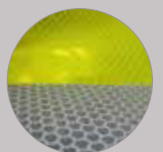
CARDSTOCK AND CORRUGATED CARDBOARD



HONEYCOMB CARDBOARD



PVC



REFLECTIVE SHEETS

MATERIALS

Digital Print



Packaging



Digital Blanks



ACCESSORIES INCLUDED

- Tangential Cutting Tool ✓
- Creasing Tool ✓
- HR camera & Contour Software ✓
- V-Studio – Software Driver ✓
- Vacuum pump ✓



Creasing Kit



90° Tangential Cut



ACCESSORIES



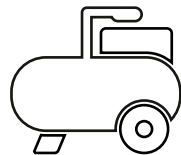
Oscillating Cutting Tool ✓



Embossing Tool ✓



Plotting Tool ✓



M3 or M3 ART Software. ✓

Silent Compressor ✓



90° Oscillating Cut

ADVANTAGES

- **Conceptualization and Visualization are Simplified**
- **Becomes a Source of Generation of New Ideas**
- **Size Corrections and Improvisations Can Be Addressed Early On**
- **Time and Cost Optimization**
- **Assistance in Costing Process**
- **Production of Efficient and High-Quality End Product**
- **Enables Clients in Visualizing the Design**

SPECS

Cutting Size	54x80 cm
Max speed	500mm/SEC
Accelleration	1 m/s
Power Requirements	Single-phase 220V/50Hz/10A
Air pressure requirements	- 6 BAR/90 PSI (3,5 CFM)x - 8 BAR/115 PSI (5,3 CFM) with oscillating blade
Connectivity	USB 2.0
Data buffer	External PC
File format	.SVG, .PLT, .DXF, .CF2
Tool change process	Manual
Tool number	1 Slot
Cutting depth	20 mm with pneumatic oscillating blade
Media holding system	Vacuum bed

APPLICATIONS



PACKAGING



DIE CUTTING



INTERIOR DESIGN



MOCK-UP AND
PACKAGING PROTOTYPES



ARCHITECTURAL
MODELLING



PATTERNS FOR
SHOE/FASHION INDUSTRY