Integra

valiani
your perfect cut

INTEGRA

Milling, cutting and creasing in one single solution

Integra is a cutting system designed to process materials of **greater consistency** typical of the world of sign and packaging industry. Configurable with a **1 kW router** and a wide range of cutting tools, Integra guarantees high versatility and quality standards in managing the processing of the most common rigid supports used in the graphics industry. **Milling, engraving, cutting and creasing** in a precise way is now possible with Valiani Integra, a qualitatively impeccable Italian product that is characterized by its robust shape, high precision and reliability.

ROUTING TOOL

The 1 kW router to be mounted on the machine, can handle the processing of the most common rigid supports used in the graphic and sign industry including rigid PVC, acrylic, aluminum composite panels, forex and plexiglass up to 13 mm (0,5") thick. The router cutter reaches a maximum of 6 mm in diameter.

ONE DEVICE, PLENTY OF OPPORTUNITIES

Integra is the answer to cut, kiss-cut, creasing and routing demandas it is able to guarantee an optimal throughput without resortingto a cutting die. The machine may be equipped with a high-resolution camera that, in combination with a software, automatically detects the position of the registration marks for quick and precise contour cuts. Media optimal fixing is given by a vacuum table divided into multiple zones and a pneumatic clamping system.

MORE AUTOMATION FOR GREATER PRODUCTIVITY AND HIGHER SPEED

Integra's flatbed system makes use of a considerable degree of automation, with automatic adjustment of the cutting depth and full motorization of the two cutting heads. Integra turns out to be fast in processing materials with quick tool setup in relation to the height of the panel to be processed.

For more information scan the QR code or visit our website at **www.valiani.com**

Materials

Plexiglass/Acrylic

Dibond/Aluminum composite

Plastic Materials

Foamboard

Medium-density fibreboard

Folding/corrugated cardboard

And a lot more...

Main Applications

Business and lettering Signage

Custom Engraving Plates

Gadgets

Displays for Points of Sale and Purchase

Advertising Banners

Die-Cutting of Digital and Offset Prints

Packaging

and a lot more...

PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES

Integra can be equipped with a 1 kW router to cut more rigid substrates like aluminum composites, forex, plexiglass up to 13 mm (0,5") thick.

TWO
INDEPENDENT AND MODULAR TOOL HOLDERS

VACUUM CLEANER
FOR RESIDUES
For a cleaner routing process

Vacuum Cleaner Technical Data

Integra Models	160	250	200	300
Power Requirements	EU 220-240V 50/60 Hz / US 110-120V 60Hz			
Power	KVA 3.6			

NLY WITH US

5 YEAR* WARRANTY

We are the only ones to offer these conditions!
Get peace of mind with a 5-year Valiani Limited Manufacturers' Warranty

* Ask your local dealer for warranty details.

⚠ WARNING
CRASH ZONE - KEEP CLEAR

Automatic Tool Height Sensor
Fixed on the machine table, it makes it possible to automatically determine the tool height.

Tools available

Integra can be equipped with all tools compatible with the following tool holders:

- **Multifunctional Tool Holder**
- **Versa-Tool Holder**
- **Fixed Tool Holder**

MTH **FTH** **VTH**

Technical Data

Integra Models	160	250	200	300
Cutting Size	1230x1630 mm (48,5x64")	1230x2500 mm (48,5x98,5")	1600x2050 mm (63x81")	1600x3050 mm (63x120")
Width	1830 mm/72"	1830 mm/72"	2200 mm/86"	2200 mm/86"
Depth	2230 mm/89''	3010 mm/119.5''	2730 mm/107''	3640 mm/143''
Height	1200 mm/47"	1200 mm/47"	1200 mm/47"	1200 mm/47"
Weight	540 kg/1190 lbs	590 kg/1300 lbs	650 kg/1433 lbs	690 kg/1521 lbs
Max Cutting Speed	1080 mm (42.5")/ sec			
Acceleration	2.5 m/s^2 (98.4"/s^2)			
Power Requirements	3 – Phase 400 V 50/60 Hz 17A	3 – Phase 400 V 50/60 Hz 23A	3 – Phase 400 V 50/60 Hz 23A	3 – Phase 400 V 50/60 Hz 23A
Power	6,5 KVA	9 KVA	9 KVA	9 KVA
Air pressure Requirements	6 BAR/90 PSI (3.5 CFM) 8 BAR/115 PSI (5.3 CFM) With Oscillating Tool			
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF			
Tool Change	Manual			
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing, Oscillating tool, Routing Tool 1 KW			
Tools Holder	2 + 1F			
Connectivity	Ethernet + USB			
Data Buffer	External PC			
Media Hold System	Vacuum bed and Pneumatic Clamping System			
Fixed Tool	Pen (Optional)			
Feeder Capacity	NA			
Cutting Capacity	0.1 › 20 mm (0,78") with Oscillating Tool head | 0.1 › 13 mm (0,51") with Routing Tool | 0.1 › 5 mm (0,19") with Tangential Cutting head			
Repeatability	≤0.1 mm			
Supported OS	Windows 7, 10, 11			
CropMarks Rec.	Camera + Software (Optional)			

* For electrical voltage different from the standard ones, it is necessary to use a power converter (that we can provide if any) to bring tension to 400V