

Integra



valiani
your perfect cut

INTEGRA

All-in-one machine

Integra is a cutting system designed by Valiani to process materials of greater consistency and thickness typical of the world of signage and packaging industry. Equipped with a 1kW 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 resistance.



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 foam, acrylic and aluminum composite panels, dibond, forex more than 1 cm thick, plexiglass, packaging of every kind, point of sale displays, vinyl and magnets, perfect finishing of printed materials and much more. The router module reaches a maximum of 6 mm in diameter.



ONE CUTTER, PLENTY OF OPPORTUNITIES

Integra is the answer to cut, kiss-cut, creasing and routing demands as it is able to guarantee an optimal throughput without resorting to a cutting die. This allows it to manage a wide variety of supports and applications as well as a large number of materials, even pre-printed substrates. The machine may be equipped with a high-resolution camera that automatically detects the position of the registration marks for quick and precise contour cuts. Media optimal fixing is given by a dynamically concentrated zone-adjustable vacuum table and pneumatic clamping system. An optional powerful aspirator is highly recommended to remove the residues left by the router and to give shape to a precise product on all sides.



MORE AUTOMATION FOR GREATER PRODUCTIVITY

Integra's computerized system makes use of a considerable degree of automation, with a knob for automatic adjustment of the cutting depth and full motorization of the two cutting heads.

Integra turns out to be fast in meeting customers' requests and precise in processing materials up to 20 mm thick with quick tool setup in relation to the height of the panel to be cut. The higher productivity is given by the use of a powerful aspirator (optional) which keeps the workstation clean and also increases productivity, as the user does not have to take time to carry out manual cleaning operations.



Materials

- Plexiglass
- Aluminum composite / dibond
- Acrylic
- Plastic Materials
- Foamboard
- Laminates
- Folding and corrugated cardboard

Main Applications

- Business Signage
- Custom Engraving Plates
- 3D Elements
- Gadgets and Showcase Objects
- Display for Points of Sale and Purchase
- Advertising Banners
- Die-Cutting of Digital and Offset Prints
- Packaging



PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES

Integra comes in different sizes and can be customized into different configurations depending on the tools chosen and can cut materials up to 5 mm (3/16") thick with tangential tool or 20 mm (3/4") with oscillating knife. Together with these tools, it can also be equipped with a 1 kW router to cut more rigid substrates like dibond, plexiglass and aluminum composites.

DOUBLE
INTERCHANGEABLE
HEAD
With the addition of
a 1 kW Router



VACUUM CLEANER FOR RESIDUES

For a cleaner routing process



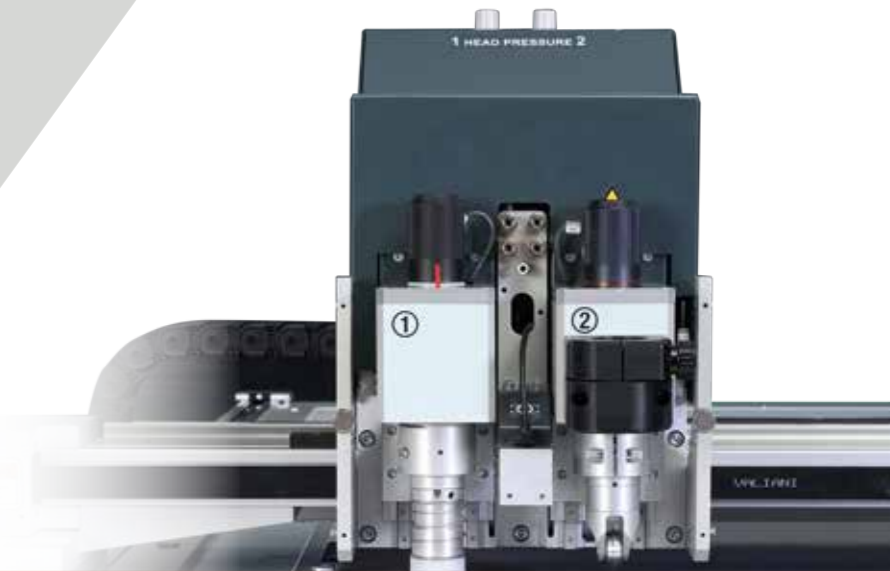
Sizes

- Integra 160** 123x162 cm
- Integra 200** 160x205 cm
- Integra 250** 123x252 cm
- Integra 300** 160x305 cm



Automatic Tool Length Sensor

Fixed on the machine table, it makes it possible to automatically determine the tool length.



Available Tools

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



Integra Specs

Integra Series	160	200	250	300
Cutting Size (mm/Inch)	1230x1630 mm (48,5x64")	1600x2050 mm (64x81")	1230x2520 mm (48.5x96")	1600x3050 mm (64x 121")
Speed	70 m/min			
Acceleration	2.5 m/s ²			
Power Requirements	3-Phase + PE 400 V - 5.8 KVA			
Air pressure Requirements	6 BAR/90 PSI (3.5 CFM) 8 BAR/115 PSI (5.3 CFM) With Oscillating Tool			
Tool Change	Manual			
Tool Number	2 Slots			
Connectivity	LAN (Ethernet) & USB			
File Format	.SVG, .PLT, .DXF, .CF2			
Data Buffer	External PC			
Cutting Capacity	20 mm (3/4") with Oscillating Tool head 5 mm (3/16") with Standard Cutting head			
Media Hold System	Vacuum bed & Pneumatic Clamping System			
Standard Configuration	Integra machine, stand, cutting tool & vacuum pump			
	Sizes (mm/Inch)			
W	1830 mm / 72"	2200 mm / 86"	1830 mm / 72"	2200 mm / 86"
H	1200 mm / 47"	1200 mm / 47"	1200 mm / 47"	1200 mm / 47"
D	2230 mm / 89"	2730 mm / 107"	3010 mm / 119.5"	3640 mm / 143"
Weight (kg/lbs)	540 kg/1190 lbs	590 kg/1300 lbs	650 kg/1433 lbs	690 kg/1521 lbs



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www.valiani.com



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