

OMNIA 100

100
MEDIA SIZE UP TO
75x105cm
(29.5x41.3")

THE ULTIMATE CUTTING SYSTEM

Omnia combines the strength and integrity of all Valiani digital machines with the automation of a cutting system capable to process long and repetitive jobs without having to attend the operation. Omnia 100 is thought to satisfy the growing demand of personalized die-cutting processes, **exclusive packaging** and unique labels without the added cost of dies and make-readies.

Designed to quickly load materials of various grammage and thickness, this automatic solution enables companies to manufacture everything in-house and stop outsourcing. The oversized catch tray, along with the suction cup pick-up system, guarantees a high level of autonomy and flexibility on a **vast array of materials** including paper, plastic board, and corrugated board.



24/7

Omnia is designed and developed with the aim to make it work automatically all day long without the presence of an operator. Repeatability and reliability are two factors that best summarize the concept of quality asseverated in Valiani Omnia.



DOUBLE YOUR PRODUCTIVITY

The non-stop feeder can guarantee compatibility with the main **offset** and **digital printing** formats as well can collect **two SRA3** sheets at the time significantly increasing average output levels.



COST-EFFECTIVENESS AND TOP-LEVEL AUTOMATION

By eliminating the need for costly die-plates and increasing the in-house production, incomparable cost-savings for short to medium runs will be observed shortly.



OSCILLATING TOOL

MAXIMUM CUTTING DEPTH
12.7 mm (1/2")

Distinguishing features

- Signal tower light
- Replaceable conveyor
- Conveyor with guide to prevent objects from deviating from path
- Support for laptop
- Oversized catch tray
- Oversized feeder
- Nonstop sheet media loading
- Safety mats*
*optional



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



10 Reasons Why

1. Continuous sheet media loading and processing
2. High capacity Feeder
3. Perfect cutting & creasing on any material
4. No operator is needed
5. Cutting up to 12.7 mm
6. Simplified workflow
7. Unstoppable: work for a long time without any interruption
8. Camera and software to ensure precise graphics alignment.
9. Ensured longevity at a competitive price
10. 100% made in Italy



FEEDER CAN
STACK UP TO
600
SHEETS
OF 300 GSM
CARDSTOCK

Omnia Series



Tools available

Omnia 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

Model	80	100
Maximum Media Size	600x800 mm (23.6x31.5")	750x1050 mm (29.5x41.3")
Minimum Media Size	297x210 mm (A4) (11.6x8.2")	297x210 mm (A4) (11.6x8.2")
Maximum Die-Cutting Size	790x590 mm (31.1x23.2")	740x1040 mm (29x41")
Width	1620 mm or 2000 mm w PC (63.8" or 78.7")	1620 mm or 2000 mm w PC (63.8" or 78.7")
Depth	3800 mm (149.6")	4300 mm (169")
Height	1297 mm (51")	1297 mm (51")
Weight	850 Kg - 1874 lbs	950 Kg - 2094 lbs
Speed	1.350 mm/sec (1,5 m/s) - 53,1"/sec	
Acceleration	3 m/s	
Power Requirements	3 Phase + PE 400 V - 50 Hz 13A - 5.2 KVA	
Repeat Precision	≤0.1 mm	
Air requirements	8 Bar/115 PSI	
File Format	.SVG, .PLT, .DXF, .CF2, .HPGL, .XML	
Tool Change	Manual	
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing tool and Oscillating tool	
Tools Holder	2 + 1F	
Connectivity	Ethernet/USB	
Buffer Memory	External PC	
Media Hold System	Vacuum	
Fixed Tool	Pen	
Feeder Capacity	600 Sheets (300 gsm) - 200 mm (7,8")	
Cutting Capacity	0.1 >5 mm (0,19") w/Tangential Blade 0.1 >12.7 mm (0,5") w/Oscillating Blade	
Repeat Precision	≤0.1 mm	
Supported OS	Win 7, 10	
Security	Optional Safety Mats	
CropMarks Rec.	Camera (Included)	

