

NEXUS SERIES

ADVANCED SYSTEM. SOPHISTICATED FEATURES. SUPERIOR ENGINEERING

The **Nexus** generation of mat cutting machines represents the latest evolution of years of experience in developing and building equipment for the framing industry. Thanks to the robust frame structure and the possibility of customization through a wide range of tools, Nexus is a machine that can be used to meet different production standards and applications. Nexus **reduces your work time by more than 50%** compared to manual work, improving precision and consistency, but above all unleashing your creativity.



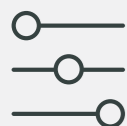
100% YIELD = 0 WASTE

The Button Clamp system allows you to trim your mat-board right to the edges, optimizing the material yield and leave no marks on your mat-board!



CUT ALL YOU NEED

Virtually endless cutting possibilities! From thin to very thick mat-board, simple to intricate objects, face up or face down, beveled or straight.



ADJUSTABLE STAND

Space is no longer a problem with the Multi-position Stand**. Adjust it as you wish!

** Optional



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

NEW
MOTION
CONTROLLER
TECHNOLOGY



Main Applications

- Multiple layers mat-boards
- From Thin to Thick mat-board
- Letters & Text
- French Line
- Memorabilia

Materials

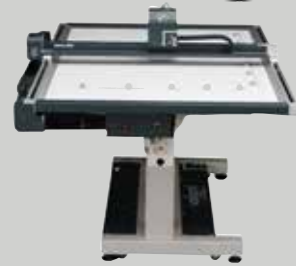
- From 4 to 12 ply mat-boards
- Foam Board (up to 3/16")
- Gator board
- Corrugated cardboards
- Grey Chip board



Adjustable Multi-Position Stand

Thanks to the multi-position stand, space is no longer a problem. You can adjust it horizontally, angled or vertically.

3
POSITIONS**



FLAT



ANGLED



VERTICAL

** Available only with Multi-Position Stand (optional)

ONLY 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.

Nexus Series



Tools available

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

- i-Series Tool Holder
- Fixed Tool Holder



ITH



FTH



Technical Data

Nexus Series Models	120	150
Cutting Size	1220x813 mm (48x32")	1524x1016 mm (40x60")
Width	1780 mm	2080 mm
Depth	1420 mm	1520 mm
Height	1295 mm	1495 mm
Weight	210 kg	248 kg
Max Speed	415 mm/s	
Acceleration	0,5 m/s ²	
Power Requirements	Single Phase - 100/240V 50/60Hz 6A	
Power	0,65 KVA	
Air pressure Requirements	6 Bar/90 PSI 3,50 CFM	
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF	
Tool Change	Manuale	
Tools Available	90°, 45°, 40°, Embossing, cordonatore, penna	
Tools Holder	1 + 1F	
Connectivity	USB 2.0/Bluetooth	
Data Buffer	PC esterno (non incluso)	
Media Hold System	Bloccaggi pneumatici a scomparsa	
Fixed Tool	Porta Penna (Opzionale)	
Feeder Capacity	NA	
Cutting Capacity	0.1 > 5 mm con testa di taglio 90° tangenziale	
Repeatability	≤0.1 mm	
S.O. supportati	Windows 7, 10, 11	
CropMarks Rec.	NA	



Stand Multi-posizione

Dimensions	Normale		Piano		Verticale		
	Mod.	120	150	120	150	120	150
W.		1780 mm (70")	2080 mm (82")	1780 mm (70")	2080 mm (82")	1780 mm (70")	2080 mm (82")
H.		1360 mm (53,5")	1460 mm (64,5")	1394 mm (54,8")	1594 mm (62,3")	1850 mm (72,8")	2050 mm (80,7")
D.		1540 mm (60,6")	1790 mm (70,5")	900 mm (35,4")	1100mm (43,3")	850 mm (33,4")	908 mm (35,8")