LQ-MD DDM Digital Die-cutting Machine
LQ-MD DDM数码模切机

Imported rail

Using Taiwan's upper silver guide rail, higher precision.

Simple software operation

One-button operation, no complicated settings.



Equipped with high-definition CCD camera

Realize automatic and precise positioning of various materials, with high precision and reduce errors.

All-in-one design

The whole adopts an integrated structure, and the machine is more stable

LQ-MD DDM series products adopt automatic feeding and receiving functions, which can realize "5 automatic", that is automatic feeding, automatic read cutting files, automatic positioning,automatic cutting and automatic material collection can realize one person to control multiple devices, reduce work intensity, save labor costs, and improve work efficiency

Equipped with various tools
Realize the arbitrary switching of tools,to cut multiple materials



Normal tool



High speed oscillating tool



Half-cut tool



Creasing wheel

Specifications

Model	DDM-0604	DDM-0806	DDM-1209
Air pump power	2.2KW	2.2KW	4.4KW
Total rated power	5.5KW	5.5KW	9.5KW
Effective working range	600×400mm	800×600mm	1200×900mm
Dimensions	3000×980×1270mm	3600×1180×1270mm	4700×1460×1270mm
Cutting materials	Stickers,cardboard,PP paper,labels,all kinds of corrugated cardboard,yellow thick cardboard,red cardboard,honeycomb board,etc		
Working Characteristics	Can be connected to any CAD software,computer-aided design and cutting at the same time		
Standard tools	Creasing wheel,half-cut tool,Full-cut tool,Cursor,CCD camera		
Optional tools	Mini oscillating tool,V-Cut tool,Mini universal cutting tool		
Cutting thickness	≤2MM(according to different cutting materials		
Cutting speed	300-1200mm/s		
Fixing method	Vacuum adsorption (with back draft)		
Repeat accuracy	≤0.01mm		
Software resolution	0.025		
Transmission port	Standard network port		
Buffer capacity	One-time fast transfer of page changeable cuts		
File system	HPGL - compatible format		
User interface	Touchscreen		
Drive line	High-end servo motor drive,linear guide		
Operating Voltage/Power	AC 220V/380V±10%50HZ		
Working environment	Temperature:0°~35°Humidity:35%~80%		

众智杰 UPG DIGITAL

SHANGHAI UPG DIGITAL TECHNOLOGY CO.,LTD
23RD FLOOR JIDIAN MANSION NO.600 HENGFENG ROAD,
SHANGHAI 200070,P.R.CHINA

☎ 0086-21-6317 3900 0086-21-6353 0603
℻ 0086-21-6353 8343
✉ sales@shanghai-upg.com
🌐 www.shanghai-upg.com

Web

众智杰 UPG DIGITAL

LQ-MD PCM&DDM Digital Cutting Solution
数码切割解决方案

- NO CUTTING MOULD
- SAMPLE MAKING
- SMALL BATCH



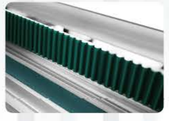


www.upg-digital.com

LQ-MD PCM Packaging Cutting Machine
LQ-MD PCM 包装切割机



Two groups of heads can be replaced, up to 8 groups of heads can be installed.



Import bearing and synchronous belt



Automatic patrol CCD positioning system, the configuration of Germany imported CCD positioning camera to achieve accurate positioning of different materials, to ensure accurate cutting edge inspection. Avoid the impression of manual cutting and the inaccuracy of printing.



High-end motor not only provides the performance of the machine (more than 30%) but also improves the safety. Ensure more accurate cutting precision, faster and smoother running speed.



90°double linear guide rail design, more stable transmission,higher accuracy



Convenience

Equipped with the advanced multi-axis high-speed motion control system with independent intellectual property rights, the system upgrade and maintenance are not controlled by the third party, the late maintenance is convenient, high reliability, low cost, because the right of control is in hand, it can be convenient for users to customize special procedures for personalized needs and remote upgrade;

Flexibility

The use of changeable tool head mode, tool head is not fixed welding integration, can be changed according to the actual work needs and business scope expansion of convenient replacement, with different functions of the tool head;

Safety

The beam working area is equipped with 360 degrees of safety anti-collision and infrared blocking technology to ensure the safety of users.

Optional:Rolling plat form

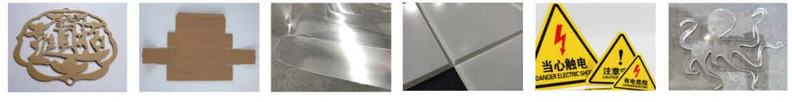
Rolling plat form can achieve even version cutting,even version splicing effect is good,save time and material Adopt integral air suction mode(optional intelligent partition air suction),with stronger and so rption capacity;It is compatible with the mainstream CAD design software in the market.The software can set any cutting path and starting and dropping points,which can improve the cutting efficiency and save material.Built -in air pump,simple and saving space.



Specifications

Model	PCM-1310(R)	PCM-1815(R)	PCM-2516(R)
Effective working range	1300×1000mm	1800×1500mm	2500×1600mm
Overall size	2700×1985×1350mm	3200×2485×1350mm	3900×2585×1350mm
Air pump power	5.5KW	7.5KW	7.5KW
Dimensions	2700×1985×1350mm	3200×2485×1350mm	3900×2585×1350mm
Cutting materials	All kinds of corrugated cardboard,plastic corrugated board,yellow thick cardboard,red cardboard, white cardboard,gray cardboard,PVC board,foam board,EVA board,KT board,stickers,gaskets,etc.		
Working Characteristics	Can be connected to any CAD software,computer-aided design and cutting at the same time		
Standard tools	Oscillating tool,Creasing wheel,Pen,Double cross cursor,Gray card V-cut tool,Universal cutting tool		
Optional tools	V-CUT tool,white card V-cut tool,CCD camera,foam cut tool		
Cutting thickness	50mm(according to different cutting materials		
Speed	1000mm/s		
Fixing method	Vacuum adsorption		
Repeat accuracy	≤0.01mm		
Software resolution	0.025、0.01、0.1		
Transmission port	Standard network port		
Buffer capacity	1G,one-time fast transfer of page changeable cuts		
User interface	7-inch color touch screen		
Drive line	High-end digital servo motor drive,linear guide		

Tools & Applications





High speed oscillating tool | Creasing wheel | Universal Cutting Tool | V-Cut tool | Half-cut tool | Milling tool