



NC-CP405

Digital Inkjet Carton Printing Machine

One-stop packaging and printing solution, with high speed as the core, is equipped with intelligent touch screen and automatic loading and unloading to improve efficiency. Environmentally friendly water-based pigment ink is adapted to a variety of water-absorbing materials and supports batch customization. No need to make a plate, you can print it with pictures. Modular maintenance and design are convenient, covering multiple industries packaging scenarios, and reshape the production link with efficient production capacity and green costs.

Features

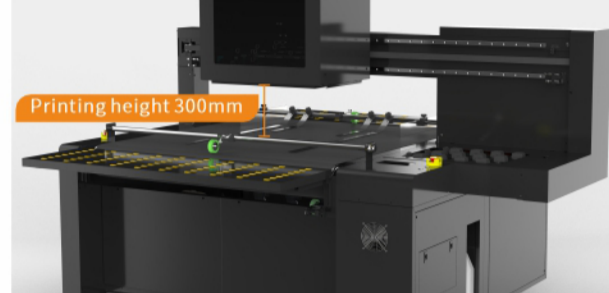
High-precision printing with excellent results

Equipped with 12 imported high-precision durable printheads, the staggered-row design solves the problem of nozzle splicing. The printing accuracy is up to 1200dpi, the small characters are clear, and it supports multi-color printing. It breaks through color limitations and can perfectly present images with rich layers and full details, giving high-quality visual effects to the carton.



Advantages of efficient adaptation in multiple scenarios

The printing height can reach 300mm, and whether it is a conventional box or a complex folding carton, it can achieve accurate printing and adapt to multiple packaging needs. The width of mesh belt and conveying height are adjustable, compatible with multi-size carton production, and the replacement of equipment improves production flexibility.



Accurate positioning and efficient transmission system

The dual-position guide strips are combined with the suction platform conveyor belt to calibrate accurately and convey material stably, eliminate printing misalignment, and ensure high-quality output of finished products. The continuous transmission design of mesh belt eliminates intermittent losses and improves production line efficiency.



Convenient maintenance, high-definition touch control

The car lifting system adopts servo closed-loop control to seal the head precisely of ±0.01mm. Equipped with a high-definition smart touch screen, millisecond response, and supports wet and dry hands/glove operation. The visual interface integrates parameter adjustment and status monitoring, and iconized operations complete operation and maintenance with one click, greatly improving efficiency.



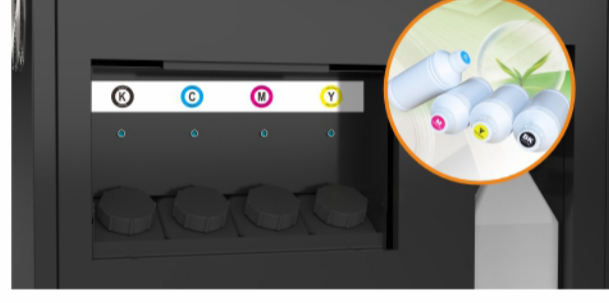
High-speed printing and cost control

The equipment has a high-speed printing capacity of 30 meters/minute, greatly improving production capacity efficiency. Relying on the automatic system to reduce manual investment, combined with precise positioning technology to reduce material losses, synchronous control from both ends of production efficiency and consumable cost, achieving a two-way balance between high-speed production and cost optimization.



Green and environmentally friendly low cost

Use water-based pigment ink, water is used as solvent, does not contain VOCs, and is environmentally friendly and has no odor. The ink is easy to dry and water resistant, and it is quickly formed after printing and does not fade easily. It is suitable for water-absorbing materials such as corrugated paper and jam paper. Compared with traditional ink, it is cheaper and takes into account both environmental protection and economical.

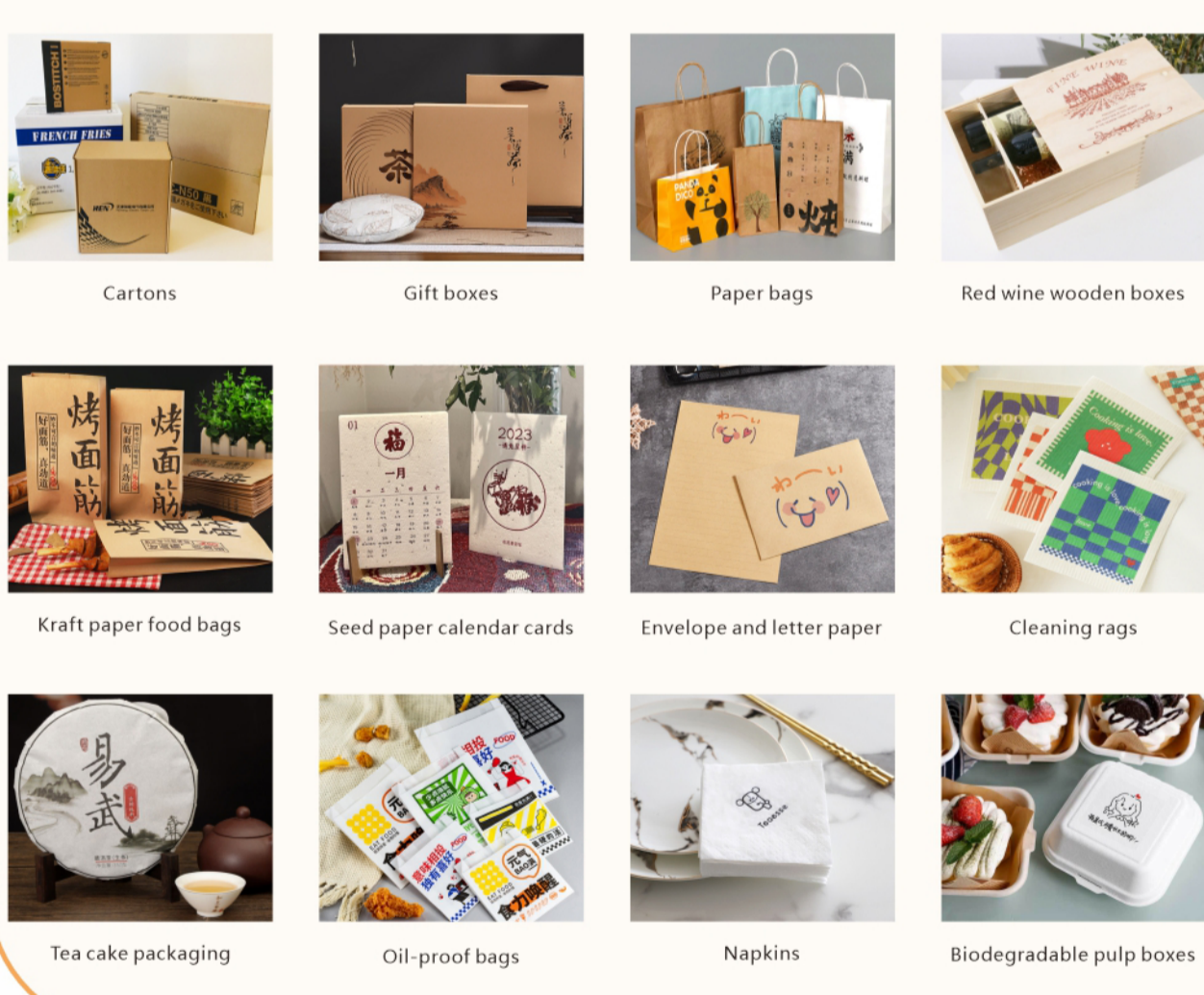


Applications

The printing media is rich and varied, suitable for various absorbent materials. Application industries include: food industry packaging, beverage industry packaging, tea industry packaging, personalized gift packaging, document packaging, daily necessities industry packaging, etc.



Sample display



Product parameters

Model number	NC-CP405	
Number of printheads	12pcs	
Resolution	1200*300dpi / 900*300dpi / 600*300dpi	
Ink type	Water-based ink	
Ink tank capacity	CMYK	3500ml/color
Printing Width	40.5cm	
Printing material range	The maximum width of the material is 1300mm, the height is 300mm, and the length is not limited	
Applicable material paper	Corrugated paper, jam paper, coated paper, kraft paper and other complete series of packaging paper	
Print thickness	0-300mm	
Interface type	Gigabit Ethernet cable/Optical Fiber	
Voltage	AC220V, 50HZ/60HZ	
Rated power	1200W	
Print method	Color only	
Print mode	CMYK	
Printing speed	High quality, variable printing	10m/min
	Standard production mode	20m/min
	High speed production mode	30m/min
Print software	RIIN	
Graphic format	PDF/TIF/JPG	
Printer dimension	L*W*H	2298mm*2310mm*1705mm (With Extension Plate)
N.W.	880KG	
Packing size	L*W*H	1941mm*2472mm*2018mm
G.W.	1145KG	
Working environment	Temperature	25°C-28°C
	Humidity	35%-65%

Optional - paging machine NC-60FYJ

Material range: Width 90-600mm / Single thickness 0-10mm / Total height 0-210mm

Separation width: 90-300mm

Pagination width: 60mm

Isolate length: 50-600mm

Separation thickness: 0.02-10mm

The whole machine landed: Adjust the feet

Voltage: AC220V-50HZ (★ Must be grounded)

Separation speed: 30m/min 60piece/minute

