

SMARISERIES

## SMART ZH-CW65

Label Digital Printing/mold Cutting Machine



*Intelligent Printing and Die-Cutting Integrated Solution*



ZEP

**Wisdom Era (Shandong) Digital Technology Co., Ltd.**

*Innovation technology precision printing*

# Technical Parameter

SMART ZH-CW65 high performance printing die-cutting all-in-one machine technical specifications



Specifications parameters	SMART ZH-CW65
Maximum paper width	216mm
Maximum printing area	W211. 9XL1000 (mm)
Printing Accuracy	1200X1200/dpi
Maximum roll diameter for winding/unwinding	400 (mm)
Maximum removal diameter Max.	300 (mm)
Maximum diameter of film cover Max.	300 (mm)
Maximum speed	0~120m/RPH
power	1 φ phase, 16A
Mechanical weight	700KG (N. W. ), 900KG (G. W. )
Mechanical installation dimensions	L1980×W1031xH1530 (mm)

# Standard Layout

SMART ZH-CW65 complete equipment configuration

## Unwinding system

Servo active unwinding system, precise control of tension continuous paper (black mark or no black mark), die-cut labels (gap or black mark)

## Printing Unit

PRECISIONCORE® Serial inkjet printing, CMYK four-color separate cartridge (black, cyan, magenta, yellow/one of which can be selected BK-glossy black and MK-matte black)

## Coating unit

Magnetic powder tension control, online covering of light film.

## Die-cutting unit

Physical knife die-cutting system, no need to make knife die.

## Trimming Unit

The two cutting blades can be divided into strips or trimmed.

## Collection Unit

Servo tension winding system.

## Cutting and slicing unit

Glide tracking, servo cutting system.



Epson aqueous pigment ink and micro piezoelectric print head, Provide higher quality label printing and more accurate color reproduction.

Digital production process makes the operation simple and easy to maintain, greatly improving the production efficiency of short label printing.

Realizing the future trend of environmental printing:

No plate making (no chemical water, no chemicals), water-based pigment inks, less material loss (reduce unnecessary waste).

QR code: PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked

Omnidirectional,GS1DataBar

ExpandedStacked,DataMatrix,AztecCode,MicroPDF417,MicroQRCode

Barcodes: UPC-A, UPC-E, JAN13 (EAN), JAN8 (EAN), Code39, ITF, Codabar, Code93, Code128, GS1-128, GS1 DataBar Omnidirectional,GS1DataBarTruncated,GS1DataBarLimited,GS1DataBarExpanded

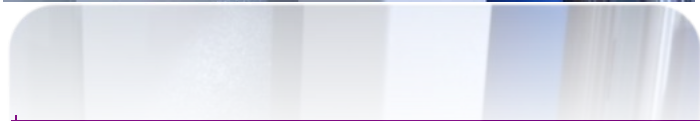
# Product Features

SMART ZH-CW65 Core advantages and innovative functions



### Output received

- ✓ Online composite light film improves product durability and aesthetics.
- ✓ Online automatic die-cutting, no need to create knife molds, PC direct output.
- ✓ Online slitting to meet different width requirements.
- ✓ Automatic waste removal after die-cutting improves production efficiency.
- ✓ Online cutting and automatic rewinding flexibly adapt to different production needs.
- ✓ Servo tension control system ensures production stability.
- ✓ User-friendly operating interface simplifies the operation process.



**Easy pre-press setup and printing operations make your short order work more efficient**

Traditional label printers require extensive preparation steps (alignment, positioning, etc.) before printing begins. In contrast, Epson digital label printers simplify pre-printing preparations to a quick and straightforward process, even for inexperienced operators. The pre-printing phase eliminates the need for chemical solutions or plate-making, while printing itself eliminates alignment concerns. Furthermore, these machines demonstrate stable performance with significantly reduced maintenance time compared to other digital and traditional models. This enables greater daily operational efficiency. The streamlined workflow, combined with low capital investment requirements and user-friendly operation, allows label printing plants to handle more small-batch orders, thereby generating greater profits and revenue.

### Time-consuming traditional label printing workflow



### Fast and efficient digital label printing workflow



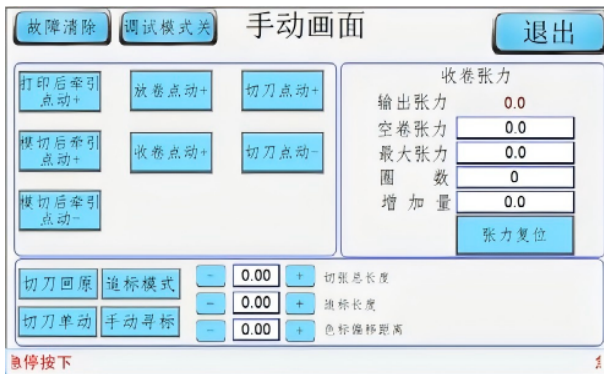
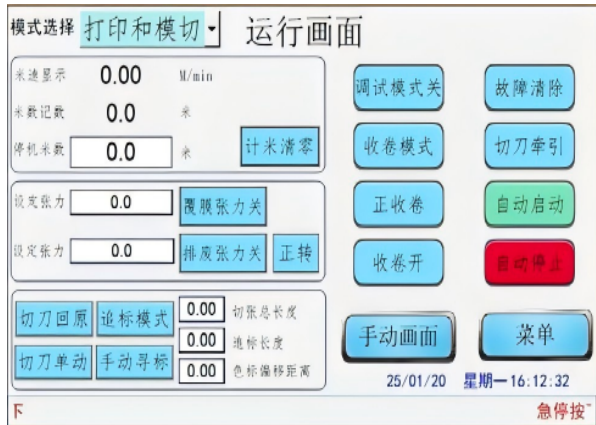
### Environmental Protection Characteristics and Features

- Printing materials do not require pretreatment such as chemical coatings.
  - Water-based pigment inks can be directly printed on a variety of label materials.
  - Energy saving and carbon reduction, no need for prepress plate making, reduce the use of chemical agents.
- The simple and low loss of plate making process can effectively reduce the loss of printing materials and ink.
- Material loss is greatly reduced, and there is no organic solvent volatilization caused by maintenance, car washing and ink changing of traditional printing machines.
  - Ink, all comply with the EU RoHS specification.



# Operation Inter-face

Intuitive and Easy to Use Human-Computer Interact-ion System



## Operating Modes

Two working modes are available: printing and die-cutting/die-cutting without printing.

## Debug mode

During the material handling process before the equipment starts operating, use the debugging mode to manually control each unit.

## Data monitoring

Real-time display of current speed, meters/pages, setting of shutdown parameters

## Roll-up mode

Switchable roll mode/sheet cutting mode, controlling the forward and reverse rotation of the winding shaft.

## App Industries

SMART ZH-CW65 wide range of applications

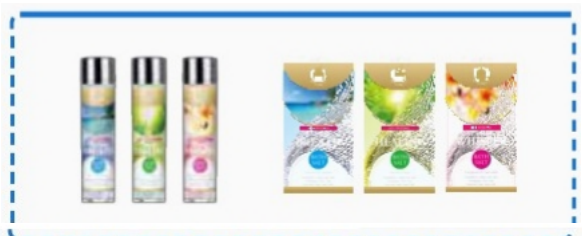
### Wine labels

Small batch of various wine, water labels, etc.



### Beauty and grooming labels

Small batch cosmetics, color makeup, medical beauty labels, etc



### Daily chemical/agricultural chemical labels

Promotional labels, pesticide labels, cosmetic labels, logistics labels, price tags, anti-counterfeiting labels, etc.



### Industrial labeling

Industrial product labeling, battery labels, safety labels, etc.



## After-Sale Service

Comprehensive after-sales support and service guarantee

### Warranty policy

If the machine fails during the warranty period and is determined to be due to the machine itself, on-site maintenance fees will be charged (except for damage caused by human factors)

### response time

Respond to customer needs within 48 hours and provide the fastest door-to-door service according to distance

### contact us

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### Remote & onsite technical support

Contact: 1329138379

Remote technical support and guidance, regular software updates and maintenance

