S. KUMAR

ZONTEN

25 YEARS

15+ Patent

18 Equipment

20+ Countries and regions

200+ Service personnel



About ZONTEN

Zonten is a leading high-tech enterprise specializing in label and packaging printing machines, known for its innovation, strong R&D, and over 15 national patents. Our product range includes intermittent offset presses, modular flexo presses, fully rotary letterpress machines, die cutters, slitters, and inspection systems. Recognized with multiple technology awards, Zonten emphasizes quality and professionalism. We are ISO 9001:2000 and CE certified, and implement ERP and 6S management systems. With a presence in 100+ countries and accolades like "Quality Product of Zhejiang Made," we continue to lead with technology, global reach, and a vision to build a national brand in printing machinery.

About S.KUMAR

S. Kumar Multiproducts is a 45-year-old company in self-adhesive labels, printing, converting, and PVC-based promotional gifting.

We introduced Zonten to India in 2004 with their first stack-type machine and soon became their exclusive distributor for India, the subcontinent, and Africa.

With deep industry insight and technical experience, we've sold over 85 flexo presses, 9 offset presses, and 400+ finishing machines across India.

As printers ourselves, we ensure unmatched service and support—making us a reliable partner for all Zonten machines.

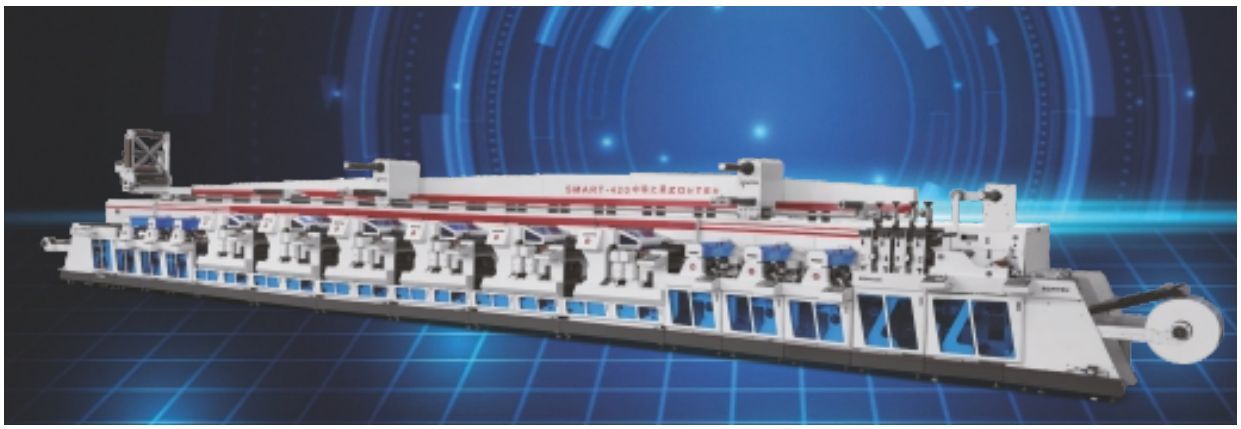
Smart-420/560/680 Series

Multi-function Combination Web Printing Press

12 Micron to 400 Micron Suitable for Flexible Packaging, IML, Shrink Sleeves, Foil and FBB Cartons

The competitive weapon of the future

A Game Changer



150M/Min
Maximum speed

Industry debut

Suitable for 4-12 color printing

Help you set foot on the road to the pinnacle of label, packaging, flexible packaging printing career.

Use

The machine suitable for several substrate material include sticker, card board, foil, film and etc. It adopt inline modular combination method, can print from 4-12 color. Every printing unit can achieve one of the printing type include offset, flexo, silk screen, cold foil.

Adopt servo motor control, automatic register system and pre register system to guarantee steady register in highspeed state 150M/min, Machine has second pass sensor and turn bar function, high printing quality and steady printing register, it's an ideal printing machine for all kinds of middle - high quality daily use chemical, wine label, medicine label, packaging and sticker .

Features

Inline combined printing technology which included offset printing, flexo printing, silk screen, cold foil stamping, lamination and etc. Each function can combined by different printing requirement to achieve all kinds of label printing.

Large printing area 410x635mm, the max printing repeat can reach 635mm, Max speed can reach 150 m/minute, it's the best printing solution for big quantity order and big label .

The range of printing material widely, include paper, sticker, OPP, Bopp, pvc, foil, the thickness of substrate from 0.04mm (film) -0.35mm (cardboard).

It Can Realize Modular And Platform-integrated Combined Printing Function

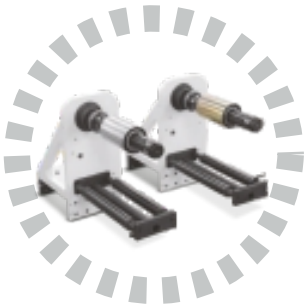
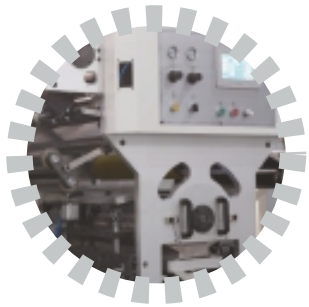





Main Technical Parameters

Machine speed	150
Maximum print repeat length	635mm
Minimum print repeat length	469.9mm
Maximum paper width	420mm/560mm/680mm
Minimum paper width	200mm, 300mm
Maximum print width	410mm/550mm/670mm
Substrate thickness	0.04 -0.35mrn
Unwinding the largest diameter	1000mm / 350Kg
Winding the largest diameter	1000mm / 350Kg
Cold maximum income, unwinding diameter	600mm / 40Kg
Offset printing plate thickness	0.15mm
Flexographic printing plate thickness	1.14mm
Blanket thickness	1.95mm
Servo motor power	19.85kw
UV power	6kw
voltage	380V±10%
Control voltage	220V
frequency	50HZ
Dimensions	16000x2400x2280
Machine net weight	2270Kg
Machine net weight	1400Kg
Machine net weight	1350Kg
Machine net weight	920Kg

Notes:With the viriation of the length to be printed, machine speed should be changed.
*Its overall dimension and manufacturing Process are subject to change without further notice.



Removable cold foil unit

According to the different requirement of label, Cold foil unit can move to any position to complete the job.

Gravure Printing Unit

Adopt Pneumatic printing system and pneumatic ink scraping system. Diaphragm pneumatic ink automatic circulation system. Optional LED UV dryer system, enclosed oven, independent heating air supply system and automatic constant temperature system.

Automatic register system

Automatically to identify register error, adjust to correct from time to time to guarantee steady register.

Flexo Printing Unit

The impression roller is equipped with front and back water cooling device, so it will not be affected by the high tempera ture caused by UV curing when printing film materials.

DETAILS

Achieve Perfect Quality

Servo driver control

Whole machine from unwinding-printing-die cutter -rewinding adopt servo driver technology to get more accurate tension and register control. Printing tension using closed -loop tension control system which adopt independent servo driver. Offset printing cylinder, blanket cylinder, impression cylinder, ink route and water route all use servo driver control to guarantee steady printing, high printing register and perfect printing quality.

Automatic register system

The register accuracy is 0.05mm ,and can be automatic adjust in axial direction and radial direction.

Pre-register system

The printing cylinder will reach to the register zero point automatic after installing the printing plate and start work, it can achieve good register requirement without manual control which improve the working efficiency and save lots of material &labor cost.

Center control screen

The machine parameters can be adjusted and stored at every work order by digital handles which also contain the machine best state in the printing time, The date can used to setting machine state when the work order is stored and recalled, and achieve the control to whole machine include the basic function turning on, turning off, speed adjustment, counting, etc. And also can carry out work storage and recall, automatic offset ink &water control, register control and timely quality inspection.

ZONTEN

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