



SUZHOU CAI MACHINE GROUP CO., LTD.

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YouTube

**CAI PRINTING SOLUTIONS
ALWAYS BY YOUR SIDE**

SUZHOU CAI MACHINE GROUP CO., LTD.

ABOUT COMPANY

Suzhou CAI Machine Group Co., Ltd. develops and manufactures precision dry-offset printing machines for decorating containers like cups (yogurt, milk tea, juice, coffee, ice cream), food barrels, oil drums, flowerpots, aluminum cans, tubes, lids, fruit clamshells, and egg trays. After integrating advanced international technology, CAI has improved and innovated based on years of industry experience. Our machines offer high printing quality, efficient production, and meet industry standards.

Our principle is "Demand-oriented, Result-oriented, Leading technology, Quality service," and our goal is to provide cost-effective printing solutions.



Since its establishment until February 2025, we have conducted 37 sessions and graduated 55 students (continuously updated). We cultivate excellent printing talent for our client factories and recommend outstanding employment platforms for printing students. You only need to follow the instructor's guidance and diligently learn the various operating processes of CAI machines. CAI College is an open institution. As long as you're interested in CAI printing machines or dry-offset printing technology, you're welcome to join us. Enroll now!



Wechat



C-406 CUP PRINTER

The C-406 is a printing machine with high cost performance that can achieve precise registration. It features a compact and stable structure, and its function of centering the cups during the feeding and taking off processes is easy to operate, which significantly improves the efficiency of products change. This machine can meet the printing needs of most products in the fast-moving consumer goods market. Moreover, the cup mandrel of the C-406 are universal with all the cup printing machines of CAI, allowing for flexible combinations to meet daily production requirements.

Technical Data Sheet

▪ Max production speed	400PCS/MIN
▪ Max printing height	120MM
▪ Cup height	30-180MM
▪ Rim diameter	50-180MM
▪ Cup taper	0-15°
▪ Max printing length	300MM(4 blankets) 425MM(2 blankets)

Options

- Laser counting stacker with bidirectional flip
- A tray feeder
- Ink agitators
- Quick set ink fountain
- Colorhead cooling system (including chiller)
- Orientation printing function



Customized index unit from Europe
Maintenance-free for 50,000 hours



Four screw feeders
auto-centering adjustment



Mandrel interchangeable
with all CAI cup printer



Plate registration function





E-506 CUP PRINTER

CLASSICAL STRUCTURAL DESIGN



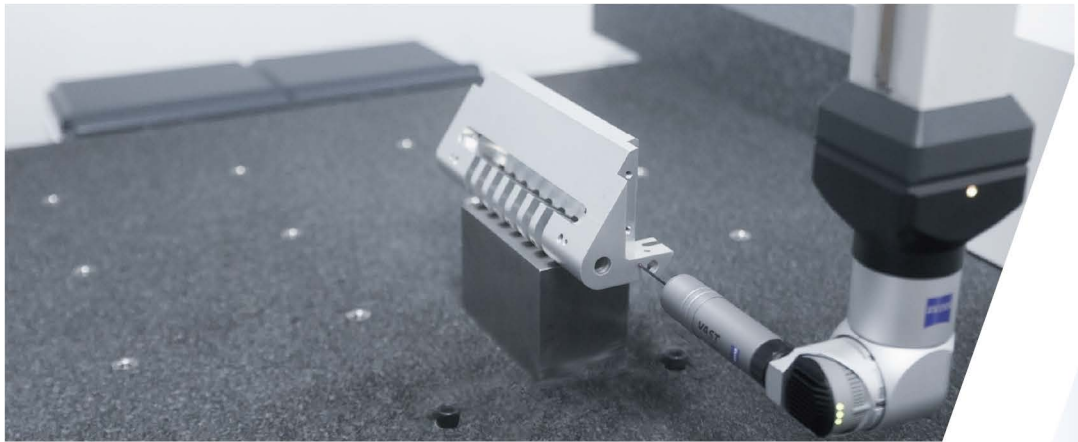
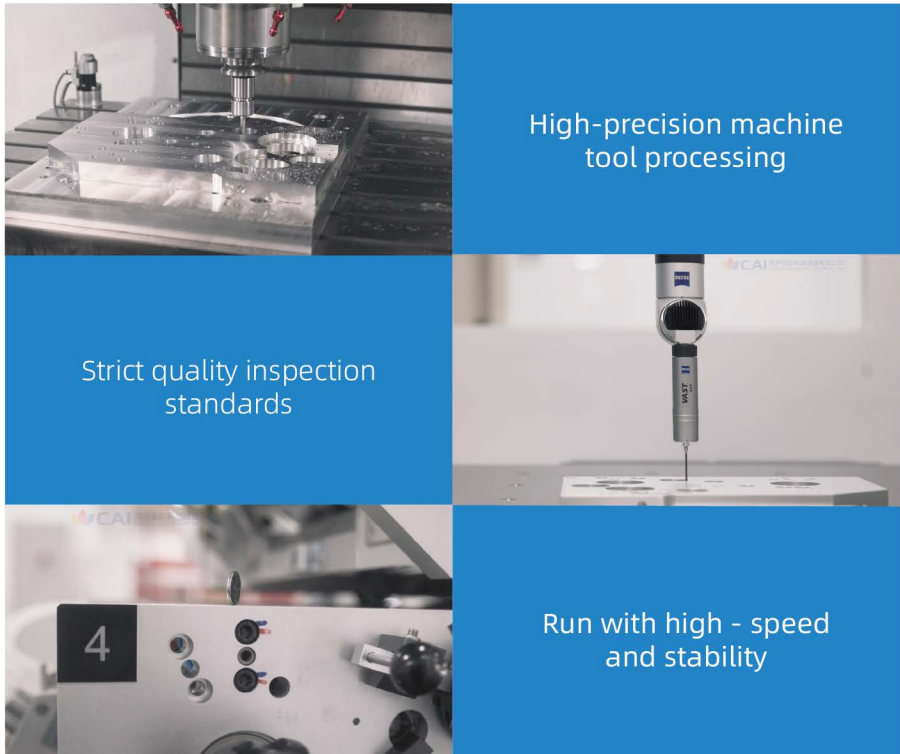
Options

- Larger L-tray feeding system
- Roller semi-automatic cleaning system
- Quick set ink fountain
- Ink agitators
- Magnetic plate cylinder
- Third-roller function
- Orientation printing function

The E-506 is a highly efficient and economical printing machine. It boasts an extremely large printing range and can achieve a printing precision of up to 120 lines. It features a classic double helical gear color station transmission structure, which effectively absorbs vibrations and is highly resistant to wear. The modular design of its various functions provides numerous options to meet personalized needs. The online UV curing effectiveness monitoring function also significantly reduces the rejection rate.

Technical Data Sheet

▪ Max production speed	500PCS/MIN	▪ Rim diameter	50-205MM
▪ Max printing Height	150MM	▪ Cup taper	0-12°
▪ Cup height	30-230MM	▪ Max printing length	368MM(4 blankets) 540MM(2 blankets) 610MM(2 blankets, magnetic plates)



S-608

Cup printer

The S-608 is a professional high-performance printing machine. It enables diverse 8-color printing with photo-grade exquisite quality. Its flexible personalized modular configuration can meet the requirements of stable and efficient production. Moreover, it offers the optional online visual inspection function and other features, making it a mainstay device in the intelligent production workshops of “24 - hour autonomous dark - factory” .



Options

- Larger L-tray feeding system
- Roller semi-automatic cleaning system
- Quick set ink fountain
- Ink agitators
- Magnetic plate cylinder
- Third-roller function
- Orientation printing function
- Vision control system (cup inside or outside)

Technical Data Sheet

▪ Max production speed	600PCS/MIN	▪ Rim diameter	50-205MM
▪ Max printing Height	150MM	▪ Cup tapermax printing area	0-12°
▪ Cup height	30-230MM	▪ Max printing length	368MM(6 blankets) 540MM(3 blankets) 610MM(3 blankets, magnetic plates)



LM

Lid printer



The LM lid printing machine is not only applicable to the printing of products with round or rectangular flat and raised lids. The same equipment developed by CAI technology can be optionally upgraded to print packaging for food and fruit boxes, trays, clamshell containers, and egg trays. Compared with traditional labeling and decoration, dry offset direct printing can greatly save printing production costs, and realize recycling of the same materials, thus improving the recycling utilization rate of fruit and food box products.

The custom-wide double-row MTO feeding method can be optionally configured, which can significantly increase the production output and lay a solid foundation for the upstream forming equipment in the automated production line.

Technical Data Sheet

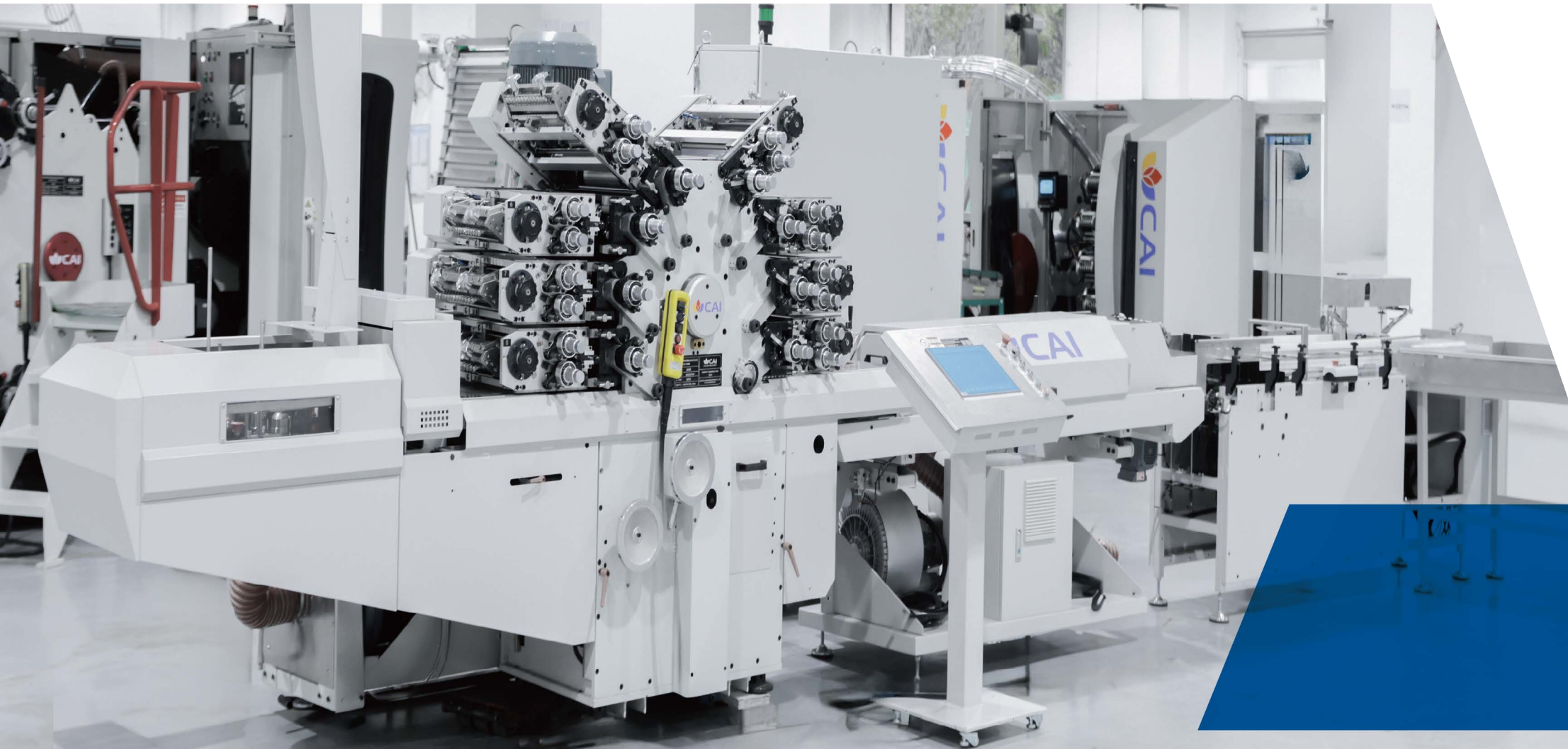
▪ Max printing speed	400PCS/MIN	▪ Rectangular lid size	50*50MM-300*240MM
▪ Round lid diameter	50-325MM	▪ Rectangular lid max printing area	240MM*240MM
▪ Round lid max printing area	250MM	▪ Max lid height	70MM

Environmentally friendly High efficiency



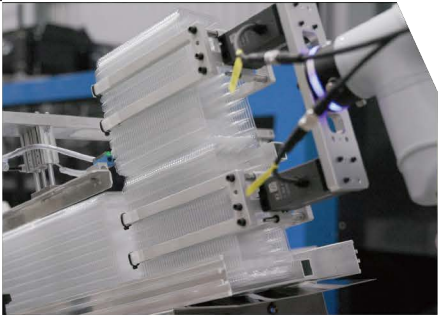
Options

- Automatic feeding platform
- separate or clamshell container printing
- Automatic Leaf - type stacker for clamshell containers
- MTO feeding system
- Wide - width double - row printing function
- Ink agitators



double-row printing function

AUTOMATED INLINE
DIRECT PRINTING SOLUTION



HIGH-SPEED PRINTING MACHINE FOR LIDS

PM

Pail printer

The PM Pail printing machine is not only capable of high - speed printing for large - sized handle - less container products. It also allows for the option of printing products equipped with handles (either plastic or iron handles). Moreover, it provides personalized customization features specifically for the inner - surface printing of large Pails.



Feeding system



Dry-offset printing technology



Orientation during pail take off and stacking function

Technical Data Sheet

▪ Max printing speed	100PCS/MIN	▪ Max Pail height	400MM
▪ Pail rim diameter	130-380MM	▪ Pail taper	0-12°
▪ Max printing height	255MM	▪ Max printing length	650MM(6 blankets) 890MM(3 blankets) 920MM(3 blankets, magnetic plates)

Options

- Orientation printing system
- Printing with handle (steel or plastic)
- Orientation during pail take off and stacking function
- Magnetic plate cylinder
- Varnish system
- Vision control system

