

HOIN TECH

PRODUCT MANUAL

인쇄의 시작부터 끝까지, 호인과 함께 하세요.

From the beginning to the end of printing,
stay with Hoin.

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호인테크는 인쇄에 관련된 기기 및 자재를 수입하고 국내에 유통하는 전문 무역회사입니다. 저희 회사는 중국의 고품질 인쇄 기자재를 국내 시장에 공급하여 고객의 다양한 요구를 충족시키고 고객에게 최고의 품질과 서비스를 제공함으로써 인쇄 산업의 발전에 기여하고자 합니다.

지속적인 혁신과 품질 개선을 통해 고객의 신뢰를 얻고, 환경을 고려한 지속 가능한 경영을 추구합니다.

Hoin Tech is a specialized trading company that imports and distributes printing equipment and materials. We supply high-quality printing equipment from China to the domestic market, meeting a variety of customer needs and providing the best quality and service. Our goal is to contribute to the development of the printing industry by offering top-notch products and services.

Through continuous innovation and quality improvement, we aim to gain customers' trust and pursue sustainable management with consideration for the environment.

Shenzhen Surpass New Material Technology Co., Ltd는 환경 친화적인 잉크의 연구, 개발 및 생산에 주력하는 기업입니다. 설립 이래로 저희는 고객에게 고품질의 제품과 세심한 서비스를 제공하는 데 전념해 왔습니다. 20년 이상의 업계 경험과 기술 혁신을 바탕으로, 저희는 시장 동향에 대한 민감한 통찰력을 가지고 있어 업계와 고객의 요구를 정확히 이해하며, 시장을 선도하는 일련의 고품질 제품을 개발해왔습니다.

주요 제품

- 수성 플렉소 잉크
- 수성 그라비아 인쇄 잉크
- 수성 실크스크린 잉크
- 수성 패드 인쇄 잉크
- 수성 바니시
- UV 잉크
- UV 바니시

이 제품들은 담배 포장, 주류 라벨, 의약품 포장, 라벨, 종이컵, 중공판, 복권 및 위생 용품 등 다양한 제품의 인쇄에 적합합니다. CMYK와 PANTONE 기본 색상은 물론 고객이 필요로 하는 특수 색상을 제공합니다.

Shenzhen Surpass New Material Technology Co., Ltd. is a company focused on the research, development, and production of eco-friendly inks. Since our establishment, we have been dedicated to providing high-quality products and attentive service to our customers. With over 20 years of industry experience and technological innovation, we have keen insights into market trends, enabling us to accurately understand the needs of the industry and our customers, leading to the development of a series of market-leading, high-quality products.

Our main products currently include

- Water-based flexographic inks
- Water-based gravure printing inks
- Water-based screen printing inks
- Water-based pad printing inks
- Water-based varnish
- UV inks
- UV varnish

These products are suitable for printing on various items such as tobacco packaging, liquor labels, pharmaceutical packaging, labels, paper cups, corrugated board, lottery tickets, and sanitary products. Provide CMYK and PANTONE basic colors as well as special colors required by customers.

Cigarette Pack 담배팩

SPF100CP series

SPF100CP 시리즈 수성 잉크는 플렉소 인쇄 기술을 이용하여 종이 등 흡수성 기재 인쇄에 주로 사용되며, 코팅지, 비코팅지, 백판지 등 다양한 포장재 인쇄에 적합합니다.

인쇄방식

· 플렉소 인쇄

SPF100CP series water-based ink is mainly used for printing absorbent substrates such as paper, using flexographic printing technology, and is suitable for printing various packaging materials such as coated paper, Uncoated paper, and white cardboard.

Printing method

· Flexo Printing



Medicine Package 의약품 포장

STA400MB series

STA400MB 시리즈 수성 잉크는 PTP 알루미늄 호일 비흡수성 기재 인쇄에 주로 사용됩니다. 그라비아 인쇄 공정을 사용하여 인쇄됩니다. PTP 알루미늄 호일 의약품 패키지 잉크는 의약품 포장에 사용되어 의약품의 포장 품질과 안전성을 확보할 수 있을 뿐만 아니라 환경 보호 요구 사항도 충족할 수 있습니다.

인쇄방식

· 그라비아

STA400MB series water-based ink is mainly used to print PTP aluminum foil non-absorbent substrates. It is printed using gravure printing process. PTP aluminum foil medicine package ink is used in pharmaceutical packaging, which can not only ensure the packaging quality and safety of medicines, but also meet environmental protection requirements.

Printing method

· Gravure



Surface Printing 표면인쇄

STA400TP series

STA400TP 계열 수성 잉크는 그라비아 인쇄 공정을 이용하여 필름 등 비흡수성 기판 인쇄에 주로 사용됩니다. 다양한 필름(PE, PVC, PET, OPP, BOPP 등), 알루미늄화 필름, 알루미늄 호일 및 기타 포장재 인쇄에 적합합니다.

인쇄방식

· 그라비아

STA400TP series water-based ink is mainly used for printing non-absorbent substrates such as films, using the gravure printing process. It is suitable for printing various films (PE, PVC, PET, OPP, BOPP, etc.), aluminized films, aluminum foil, and other packaging Material.

Printing method

· Gravure



Reverse Printing 역인쇄

STA500LP series

STA500LP 시리즈 수성 잉크는 필름과 같은 비흡수성 기재 인쇄에 주로 사용됩니다. 그라비아 인쇄 공정을 이용하여 인쇄되며 다양한 필름(PE, PET, PVC, OPP, BOPP, BOPP 등) 포장재 인쇄에 적합합니다.

인쇄방식

· 그라비아

STA500LP series water-based ink is mainly used for printing non-absorbent substrates such as films. It is printed using the gravure printing process and is suitable for printing various film (PE, PET, PVC, OPP, BOPP, BOPA, etc.) packaging materials.

Printing method

· Gravure



Tissue Packaging 티슈 포장

STA500TB series

STA500PTB 시리즈 수성 잉크는 CPP 필름 비흡수성 기판 인쇄에 주로 사용됩니다. 그라비아 인쇄 공정을 사용하여 인쇄되며 PE 및 CPP 필름 포장재 인쇄에 적합합니다.

인쇄방식

· 그라비아

STA500PTB series water-based ink is mainly used to print CPP film non-absorbent substrates. It is printed using gravure printing process and is suitable for printing PE and CPP film packaging materials.

Printing method

· Gravure



Breathable Film 통기성 필름

STF200BM series

STF200BM 시리즈 수성 잉크는 주로 기저귀 인쇄에 사용됩니다. 환경 친화적인 기저귀용 잉크는 플렉소 그래픽 인쇄 기술을 사용하여 인쇄되며 PE 통기성 필름 포장재 인쇄에 적합합니다.

인쇄방식

- 플렉소 인쇄

STF200BM series water-based ink is mainly used for printing diapers; environmentally friendly ink for diapers, printed using flexographic printing technology, suitable for printing PE breathable film packaging materials.

Printing method

- Flexo Printing



PP Board PP 보드

STF200HP series

STF200HP 시리즈 수성 잉크는 플렉소 그래픽 인쇄 기술을 이용하여 중공형 보드 복합 기판에 인쇄하는 데 주로 사용됩니다. 주로 과일 및 채소 포장 박스, 과일 포장 박스, 식품 포장 박스, 급행 포장 박스 등에 사용됩니다.

인쇄방식

- 플렉소 카톤 HD 인쇄기
- 실크스크린 인쇄기

STF200HP series water-based ink is mainly used for printing on hollow board composite substrates, using flexographic printing technology. It is mainly used in fruit and vegetable packaging boxes, fruit packaging boxes, food packaging boxes, express packaging boxes, etc.

Printing method

- Flexographic carton HD printing machine
- screen printing machine



Medical Packaging 의료용 포장

STF200MP series

STF200MP 시리즈 수성잉크는 의료등급 의료포장 인쇄에 적합합니다. 플렉소 그래픽 인쇄기술을 채택하여 타이벡, 투석지(살균지) 등 의료포장재 인쇄에 적합합니다.

인쇄방식

· 플렉소 인쇄

STF200MP series water-based ink is suitable for printing medical-grade medical packaging. It adopts flexographic printing technology and is suitable for printing medical packaging materials such as Tyvek, dialysis paper (sterilization paper), etc.

Printing method

· Flexo Printing



Paper Cup 종이컵

STF200PC series

STF200PC 계열 수성잉크는 일회용 종이컵의 흡수/비흡수 기판 인쇄에 주로 사용됩니다. 플렉소 그래픽 인쇄 기술을 사용하여 인쇄되며 DPE 및 SPE 포장재 인쇄에 적합합니다.

인쇄방식

· 플렉소 인쇄

STF200PC series water-based ink is mainly used to print absorbent/non-absorbent substrates for disposable paper cups. It is printed using flexographic printing technology and is suitable for printing DPE and SPE packaging materials.

Printing method

· Flexo Printing



Pre-print 프리프린트

STF200PRP series

STA300PRP 시리즈 수성 프리프린팅 잉크는 흡수성 기재 인쇄에 주로 사용됩니다. 그라비아 인쇄 공정과 플렉소 그래픽 인쇄 공정 모두 사용할 수 있습니다. 수성 프리프린팅 바니쉬와 함께 사용할길 추천합니다. 코팅 종이, 화이트 판지, 크래프트 판지 및 기타 종이 포장재 인쇄에 적합합니다.

인쇄방식

- 플렉소 인쇄
- 그라비아

STA300PRP series water-based pre-printing ink is mainly used for printing absorbent substrates. It is printed using the gravure printing process and can also be used for flexographic printing. Use it with water-based pre-printed varnish. Suitable for printing coated paper, white cardboard, kraft cardboard and other paper packaging materials.

Printing method

- Flexo Printing
- Gravure



Replace plastic coating varnish 수성 코팅 바니쉬

SWA1088 series

SWA1088 수성 플라스틱 대체 코팅 바니쉬는 식품 종이의 표면 코팅에 사용되는 새로운 환경 친화적인 제품입니다. 이 코팅된 종이는 식품과 접촉할 수 있으며, 폴리에틸렌(PE) 코팅 종이를 대체하여 종이컵/종이 그릇/종이 접시 등과 같은 일회용 종이 제품을 만들 수 있습니다. 코팅은 종이 제품의 장벽 특성을 향상시켜 방수 및 방유 기능을 제공하며 열 밀봉, 초음파 가장자리 밀봉, 비접착성, 인쇄 가능 및 재코팅이 가능합니다. 코팅된 종이를 기반으로 한 종이 제품은 재활용 및 재펄프화 가능하며, 퇴비화 및 생분해 가능합니다.

인쇄방식

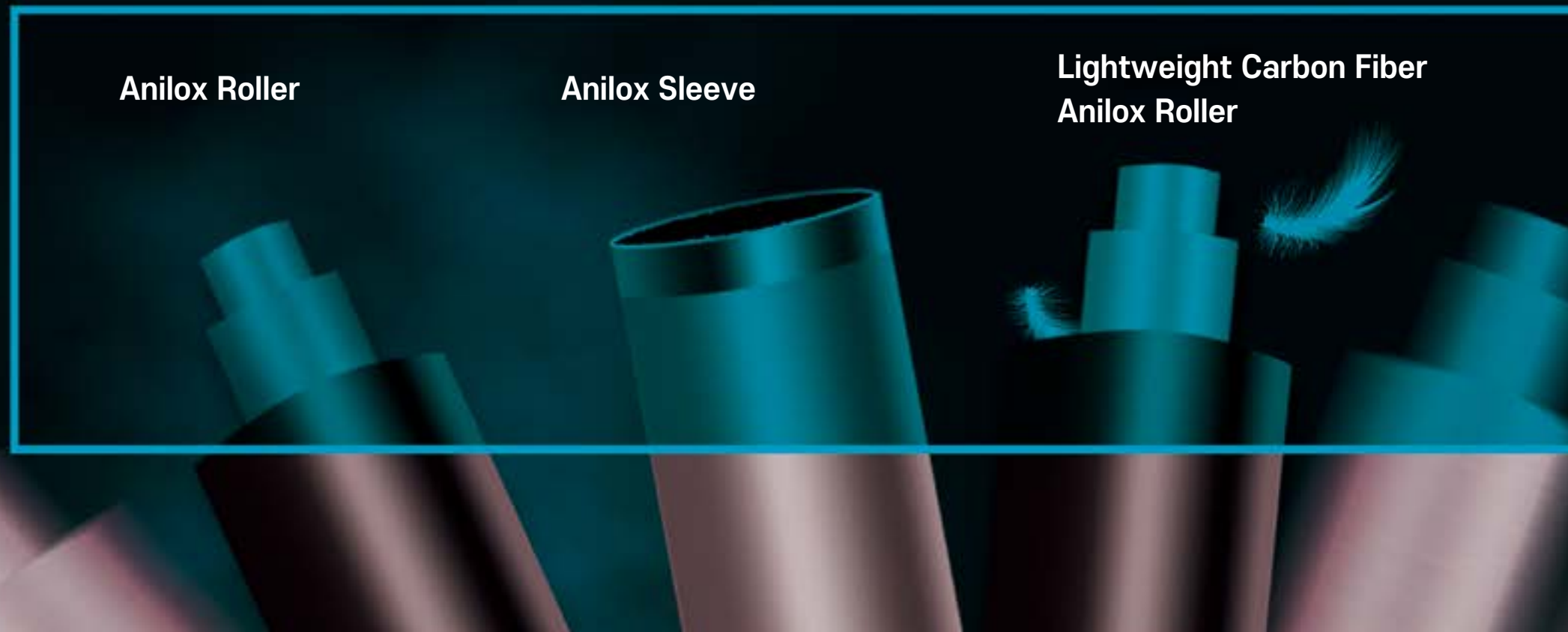
- 플렉소 인쇄
- 그라비아
- 코팅기

SWA1088 water-based plastic replacement coating varnish is a new environmentally friendly product, used for surface coating of food paper. The resulting coated paper can be in contact with food, and can replace polyethylene (PE) coated paper to make paper cups/paper bowls/paper plates, etc. Sexual paper products. The coating can improve the barrier properties of paper products, making the coated paper waterproof and oil-proof, and can be heat-sealed, ultrasonic edge-sealed, non-stick, printable, and recoatable. Paper products based on coated paper are recyclable and repulpable, and are compostable and biodegradable.

Printing method

- Flexo Printing
- Gravure
- Coating Machine





Laser Engraved Ceramic Anilox Series

Auclean has the world's leading plasma ceramic coating and laser engraving equipments and advanced processing technology. With more than 20 years of ceramic anilox producing experience and an experienced technical team, we have provided tens of thousands of high-quality ceramic anilox rollers/sleeves to printing machinery companies and end-users all over the world.

Features

- The uniform cell shape is more conducive to the ink transfer,
- Smooth cell walls make it easier to clean the cells;
- Dense ceramic coating improves the integrity of high-screen-line cells,
- Higher wear resistance and corrosion resistance performance;
- Longer service life and lower costs to print,
- ANICAM, ensure the accuracy of the ink loading;
- Light weight, high strength and low inertia with composite material.

Solutions we can provide

- High ink volume transfer;
- High precision for coating application;
- High screen line for HD printing,
- Overall solution for flexo printing;
- Comprehensive solution for precision coating.



CPC Chamber Pressure Control System

Carbon Fiber Chamber System

Qucik Blade Change

Chamber Doctor Blade System

Features

- Improve printing quality, increase printing speed, save ink, and reduce ghosting;
- OEM support for flexographic printing, coating, and varnishing machinery companies;
- Reduce solvent volatilization and improve the stability of solvent viscosity;
- Save solvent usage, improve coating quality, and improve working environment;
- Stable and uniform varnishing effect at high speeds;
- Installation and retrofit services for existing multi roll or single roll ink scraping and varnishing unit.

Automatic Plate Mounter

5S series (for cylinder/
sleeve facelength>700mm)



Features

- Servo motors are driven synchronously to control the vertical lifting of the main shaft, air mandrel can automatically open/close, which makes it easier to replace the sleeves;
- Servo motor with high accuracy encoder makes the sleeve running always accurate;
- HD VIS(visual identification system), with advanced advanced algorithms, capture the position quickly and accurately;
- Pressure roll softly push the plate on the tape, which can avoid plate deformation;
- One click operation for plate mounting, mounting accuracy can be ensured by VIS (vision identification system);
- Touch screen, equipped with mouse and keyboard, WIN10 system.

Semi-Auto Plate Mounter

5S series (for cylinder/
sleeve facelength>700mm)



Features

- The beam is driven by servo motor, it moves vertically up and down to adapt to sleeves with different diameters;
- The machine has a support for tapes at the front and lower position, it's very convenient as the axial position can be adjusted;
- The 55 machine can be configured with different power supply according to each country's different voltage standards,
- The 55 machine has stable structure and good rigidity, which ensures the accuracy of plate mounting;
- The magnification of two CCD lenses is 50x (17 inch display):
- The machine displays two pictures of left and right crosshairs on one LCD monitor,
- The minimum distance of 2 lenses is 80mm;
- The 5S machine can improve efficiency and accuracy.

High Pressure Water Wash Cleaning Machine

Features

- Specially designed for Anilox rollers/sleeves and Gravure roller;
- Suitable for all types of inks and coating material;
- Effectively restore cell volume capacity;
- Both efficient and non-destructive cleaning;
- Cleaning liquid can be recycled;
- Touch screen, PLC control;
- Menu saving function;
- Easy operation by One-click;
- Whole stainless steel structure.

Technical Parameters

- Maximum face length: 3300 mm;
- Maximum diameter: 300mm;
- Air Source :0.7-0.8Mpa;
- Air flow: $\geq 1.2\text{m}^3/\text{min}$;
- Power: AC380V/50hz, 10.64kw;
- Customized service available for special specification.



Inline Powder Cleaning Machine

Features

- Quick Install cleaning gun, aluminum alloy guide rails and quick-coupling connectors;
- Suitable for various specifications of corrugated printing machines;
- Two-stage negative pressure tech, good cleaning effect with baking soda powder;
- PLC control, touch screen, pre-set cleaning program, humanized operation, easy to handle;
- Environment friendly with waste powder collection system, low dust emission;
- Trolley design, convient for moving, safe and reliable.

Technical Parameters

- Maximum anilox face length: 5500 mm;
- Minimum anilox diameter: 70mm;
- Air Source: 0.7-0.8Mpa;
- Air flow: $\geq 1.2\text{m}^3/\text{min}$;
- Power: AC220V/50hz, single phase: 1.7kw;
- Customized service available for special specification.





COMPANY PROFILE

쑤저우 쑹바이웨이 포장기계유한회사(Suzhou Shengbaiwei Packaging Equipment Co., Ltd)는 연구개발, 제조, 생산 및 판매를 결합한 국가 하이테크 기업입니다.

우리 회사는 지능형 자동 포장 물류 라인의 설계 및 제조를 전문으로 하고 있습니다. 이 라인은 공급, 계량, 밀봉 및 수축, 인쇄, 라벨링, 카토닝, 케이스 적재 및 밀봉, 스트래핑, 팔레타이징, 그리고 와인딩 등의 절차를 포함합니다. 작업 효율성을 높이고 인건비를 절감하기 위해, 우리는 제품의 특성과 고객 현장에서의 실제 적용 상황을 고려한 맞춤형 설계를 제공합니다.

우리는 독립적인 연구개발 센터와 1500제곱미터의 장비 전시장을 보유하고 있으며, 레이저 커터와 CNC 가공 센터와 같은 다양한 디지털 제어 기계를 갖추고 있습니다. 연간 4000~5000대의 표준화된 기계와 수십 개의 자동 후포장 라인을 생산합니다.

당사의 자동 생산 라인이 효율적이고 안정적으로 작동하도록 하기 위해, 우리는 전기, 공압 및 전송 부품으로 FESTO, SMC, OMRON, SCHNEIDER, AB, BOSCH, THK, NSK, SKF와 같은 세계적인 브랜드를 사용합니다.

Suzhou Shengbaiwei Packaging Equipment Co., Ltd is a national hi-tech enterprise which combines R&D, manufacturing, production and selling .

Our company has been specialized in designing and manufacturing intelligent automatic packaging logistic lines which contain procedures from feeding, weighing, sealing&shrinking, printing, labelling, cartoning, case loading&sealing, strapping, palletizing to winding. In order to improve the working efficiency while downsize the labor cost, product features and the real application at customers' site will be taken into consideration by our individualized designs.

We have an independent R&D center as well as a 1500m² equipment showroom and a variety of digital-control machine tools like the laser cutter and CNC processing center, annually producing from 4000 to 5000 sets of standardized machines and dozens of automatic after-packaging lines.

In order to keep our automatic production lines in an efficient and stable condition, we choose world-famous brands like FESTO, SMC, OMRON, SCHNEIDER, AB, BOSCH, THK, NSK and SKF of electrics, penumatics and transmission parts for our customers.

CUSTOMER REFERENCE

It is our great honor to provide some branded companies in various industries home and abroad with our equipment and services. We would like to extend our special gratuities to the customers below(including those cannot be presented due to page space).



We, hereinabove, just take a part of our customers for example.

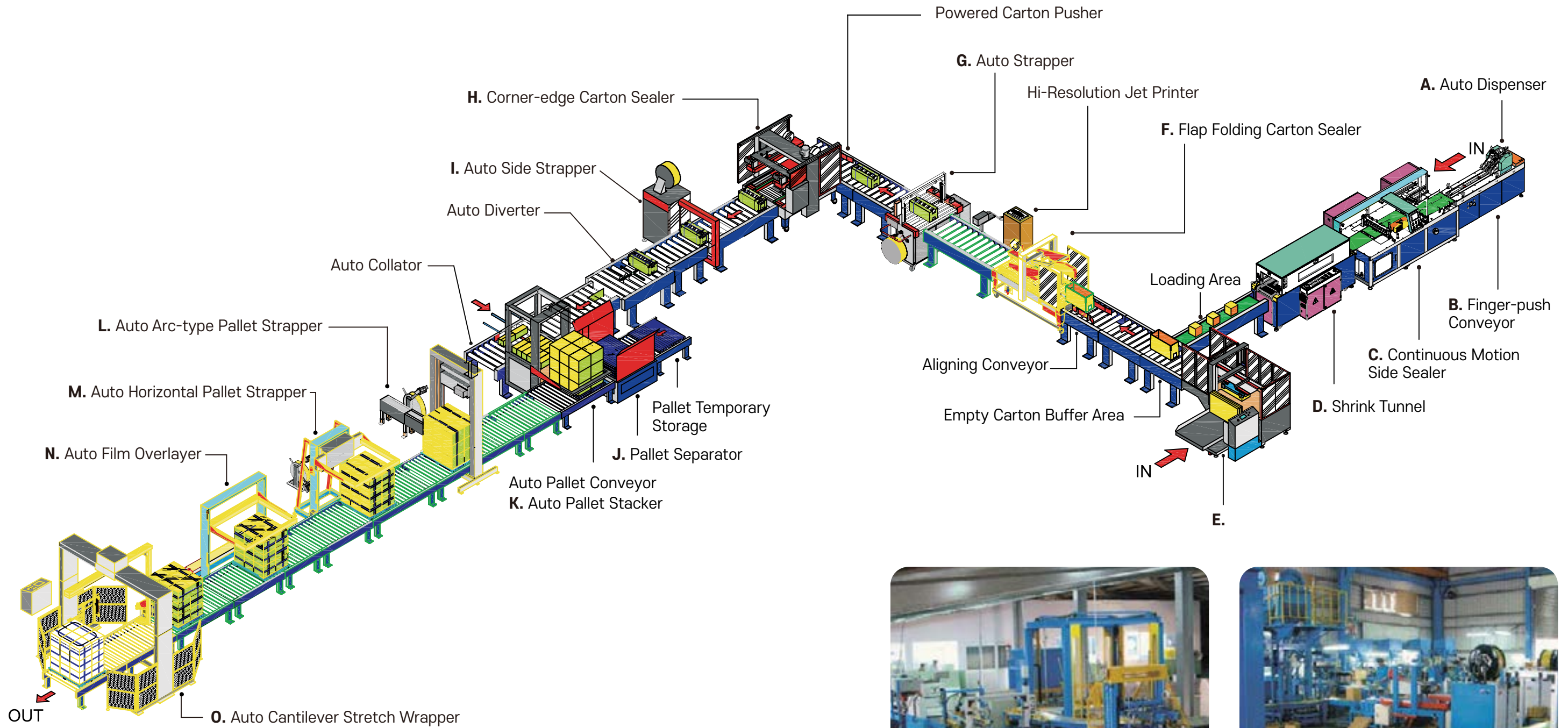


Main Hall



Show Room

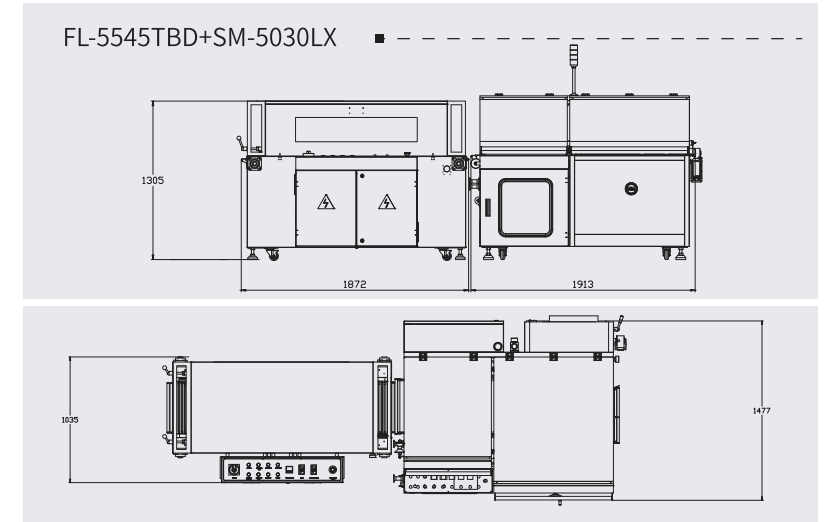
PACKAGING AUTOMATION SOLUTION



UNMANNED AUTOMATIC PACKAGING LINE

FL-5545TBD+SM-5030LX

Vertical L-bar Sealing & Shrinking Packing Machines



Sealer Technical Features

- L-bar sealing blades vertically driven by cylinder, ensuring the seams in the center of products with less wrinkles Suitable for packing large-sized products and those requiring better shrinking effect
- One-piece heat-resistant alloy blades, Dupont Teflon coated, anti-adhesive and easy to clean
- Packing size adjustable, no need to change module or bagging former and the sealing opening adjustable by motor

Tunnel Technical Features

- Blowing system installed below with the whole shrinking process visible through the observation window
- Conveyor speed and air volume controlled by inverters, wind hole opening and blowing direction adjustable
- Chamber can be opened, easy for cleaning and maintenance

Scope of application

- Suitable for the packing demands of the mass production in industries such like electronics, hardware, plastics, software, food, printing, pharmaceuticals, floors and other construction materials

Optionals

- Kissing Device
- HMI
- Safety Door Switch
- Transapent Material Detection
- Easy-to-tear Mouth
- Printed Film Detection
- S/S Machine Frame /Customized Painting
- Specific Electric/Pneumatic Brands

Model	FL-4535TBD	FL-5545TBD	FL-6560TBD	FL-9070TBD	SM-5030LX
Machine Dimensions(mm)	1520X1180X1170	1913X1477X1363	2113X1532X1363	2419X1761X1363	1872X1035X1305
Tunnel Chamber Size(mm)	/	/	/	/	1500X500X300
Max Packing Size L+H(mm) H<180	≤400	≤500	≤600	≤800	1300X400X250
Max Packing Size W+H(mm) H<180	≤300	≤400	≤550	≤720	/
Sealing Size LxW(mm)	450X350	562X500	712X550	900X700	/
Capacity(pcs/m)	15-25	15-25	15-25	15-25	0-2 m/min
N.W.(kg)	600	800	850	930	650
Power(kw)	2.5	2.8	3.2	3.5	16
Power Source	1 PH 220V 50/60Hz	1 PH 220V 50/60Hz	1 PH 220V 50/60Hz	1 PH 220V 50/60Hz	3 PH 220V/380V 50/60Hz
Air Source(kg/cm ²)	6-8	6-8	6-8	6-8	/
Applicable Film	POF/PE	POF/PE	POF/PE	POF/PE	POF

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