

PRESSNET

The logo for PRESSNET features the word "PRESSNET" in a bold, green, sans-serif font. Below the text are four horizontal bars of equal width, stacked vertically: light blue, magenta, yellow, and black.

HIXCP

The logo for HIXCP features the word "HIXCP" in a bold, blue, sans-serif font. A yellow triangle is positioned between the 'X' and 'C', pointing to the left.

INTELLIGENCE

AUTOMATIC

HIGH-SPEED

**BOOK BINDING
ALL SOLUTIONS**

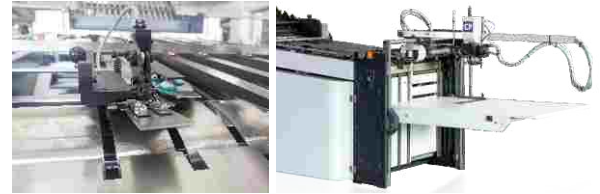
CP FLAT PILE BUCKLE/KNIFE FOLDING MACHINE

ECONOMIC INVESTMENT ON FOLDING



DETAILS

CP High-Speed Flat Pile Combination Folding Machine are designed to accommodate frequent folding job changes and small to medium run lengths. The flat pile feeder is an economic feeder variant at manageable investment costs, Other benefits include the little space required and the short set-up times, a small footprint, low investment costs and easy handling for the operator.



PARAMETERS

	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight
CP66/4KL	660x1040mm	180x100mm	40-210g/m ²	210m/min	7kW	5.4x2.8m	1.8T
CP78/4KLL	780x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	5.4x2.8m	1.8T
CP80/4KLL	800x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	5.4x2.8m	1.8T

CP ROUND PILE BUCKLE/KNIFE FOLDING MACHINE



NON-STOP FEEDING



DETAILS

CP High-Speed Round Pile Folding Machine is particularly suitable for medium to large circulations, it allows for a high performance by non-stop-operation as the feeding need not be interrupted, thus increasing the daily production by more than 15% compared to the flat pile feeder. Even sensible papers and pre-folded, pre-perforated or creased signatures can be processed.



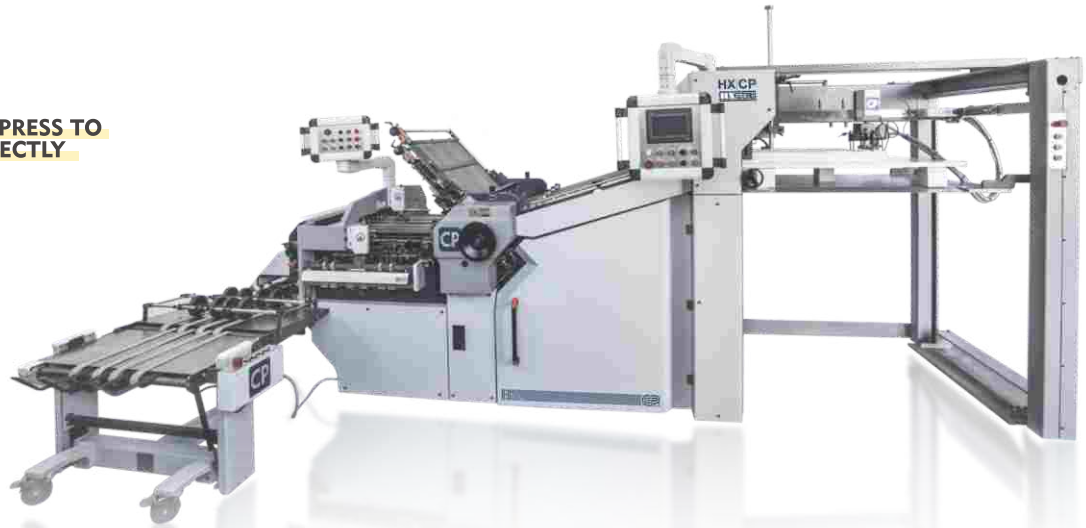
PARAMETERS

	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight
CP66/4KL-R	660x1040mm	180x100mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T
CP78/4KLL-R	780x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T
CP80/4KLL-R	800x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T



CP GANTRY PILE BUCKLE/KNIFE FOLDING MACHINE

FROM PRINT PRESS TO
FOLDING DIRECTLY



DETAILS

CP High-Speed Gantry Pallet Folding Machine is mainly used for medium to large circulations as well as for large formats. The sheets on the pallet to be folded are run into the feeder by means of a pallet truck directly from the printing press with no manual intervention. All in all, the gantry pallet feeder provides high production capacity – with shortest interruptions for feeding by pallets. More precisely, you can transport the entire printed pallet from the delivery of the printing press into the feeder of the folder. The physical strain for the operator is low even if large signature formats have to be processed.



PARAMETERS

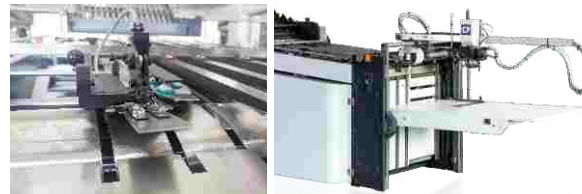
	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight	Stacking Height
CP78/4KLL-F	780x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.63m	2.3T	0-1200mm
CP80/4KLL-F	800x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.65m	2.4T	0-1200mm

CP FLAT PILE BUCKLE FOLDING MACHINE



DETAILS

High-Speed Flat Pile Buckle Folding Machine is designed to accommodate frequent folding job changes and small to medium run lengths. The flat pile feeder is an economic feeder variant at manageable investment costs, with the fully buckle flexible folding way to convincingly meet a variety of requirements, the configuration can be up to three folding stations and a maximum of six buckle plates, high cost effectiveness and easy operation.



PARAMETERS

	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (L×W)	Weight
CP66/4K	660×1040mm	180×100mm	40–210g/m ²	210m/min	7kW	5.4×2.8m	1.8T
CP78/4K	780×1140mm	200×150mm	40–210g/m ²	210m/min	7kW	5.4×2.8m	1.8T
CP80/4K	800×1140mm	200×150mm	40–210g/m ²	210m/min	7kW	5.4×2.8m	1.8T

CP ROUND PILE BUCKLE FOLDING MACHINE



DETAILS

High-Speed Round Pile Buckle Folding Machine is particularly suitable for medium to large circulations, it allows for a high performance by non-stop-operation as the feeding need not be interrupted. As flexible all-rounders with up to three folding stations and a maximum of six buckle plates, they convincingly meet a variety of requirements. They not only reliably cover a wide range of fold types, but can also handle challenging jobs involving complex folds with ease.



PARAMETERS

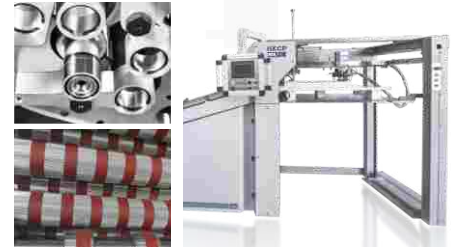
	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight
CP66/4K-R	660x1040mm	180x100mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T
CP78/4K-R	780x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T
CP80/4K-R	800x1140mm	200x150mm	40-210g/m ²	210m/min	7kW	6.4x2.8m	2.0T

CP GANTRY PILE BUCKLE FOLDING MACHINE



DETAILS

High-Speed Gantry Pallet Buckle Folding Machine is mainly used for medium to large circulations as well as for large formats. The sheets on the pallet to be folded are run into the feeder by means of a pallet truck directly from the printing press with no manual intervention. Gantry Pallet Buckle Folding Machine are specially designed for the requirements of industrial signature production. Increase the output by using the buckle folding method with up to three folding stations and a maximum of six buckle plates. The folding quality and process stability are retained.



PARAMETERS

	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight	Stacking Height
CP78/4K-F	780x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.63m	2.3T	0-1200mm
CP80/4K-F	800x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.65m	2.4T	0-1200mm

SECOND BUCKLES FOLDING UNIT



DETAILS

The second buckles folding unit is mobile and equipped with 4/6 buckle plates. It allows for operation as a cross fold or even in parallel behind the first folding unit.



PARAMETERS

Max. Sheet Size	520×1040mm
Min. Sheet Size	50×120mm
Power Consumption	2.5kW
Dimensions	1.7×1m
Weight	500kg

CP DIGITAL AUTOMATIC FOLDING MACHINE

ALL SETTING IN SECONDS



DETAILS

CP Digital Automatic Folding Machine through the intelligent automation design, a wide variety of fold patterns are automatically set by inputting the sheet size and selecting a fold pattern or invoking the historical data, through the touchscreen. CP Digital Automatic Folding Machine can automatically complete all folding buckles, folding knives, pull gauges and other settings in a few seconds, and rush into production. Adhering to the high performance and high efficiency characteristics of normal folding machine, which can easily carry out high-quality and precision folding production.



PARAMETERS

	Max Sheet Size	Min Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight	Stacking Height
CP DIGITAL 66/4KL-R	660x1040mm	180x100mm	40-210g/m ²	210m/min	8.5kW	4.8x1.51m	2.2T	0-1200mm
CP DIGITAL 78/4KLL-F	780x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.63m	2.3T	0-1200mm
CP DIGITAL 80/4KLL-F	800x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.65m	2.4T	0-1200mm

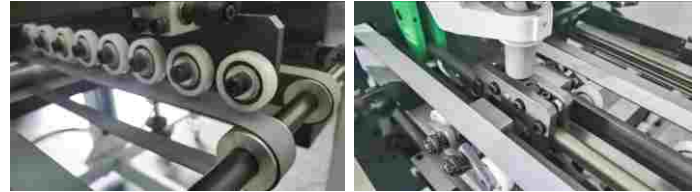
INDEPENDENT FOLDING KNIFE



EASY TO SWITCH
UPWARD OR DOWNWARD
FOLD IMPOSITION

DETAILS

Independent folding knife can provide an additional fold to nearly any process. Common uses include mailing lines, mail folds on stitches, additional fold for large form folders, and offline applications. The folding knife direction can be easily switched from up-down to down-up, so it has a unique ability to fold up or fold down to get the imposition and exit position needed for the finishing line.



PARAMETERS

Max Sheet Size	520×330mm
Min Sheet Size	150×100mm
Power Consumption	2.0kW
Dimensions	1.2×0.8m
Weight	300kg

VERTICAL PRESS STACKER DELIVERY



FOR LARGE RUNS OF
FOLDING SIGNATURES COLLECTING

DETAILS

Vertical Press Stacker Delivery is a delivery system with a high storage capacity for folded signatures that is therefore particularly suitable for the processing of medium to large runs, which allows you to deliver folded signatures of larger runs efficiently. Even multiple-ups and delicate papers can be processed with ease. The integrated pressing unit increases the folding quality and the height adjustable infeed makes the delivery combinable with all CP folding machines.



PARAMETERS

Max Sheet Size	400×310mm
Min Sheet Size	135×85mm
Power Consumption	0.95kW
Dimensions	1.66×0.9×1.45m
Weight	500kg

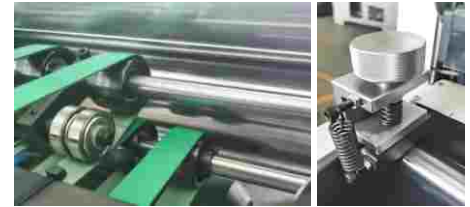
STREAM PRESS STACKER DELIVERY



FOR HEAVY INK
COATED PAPER SIGNATURES

DETAILS

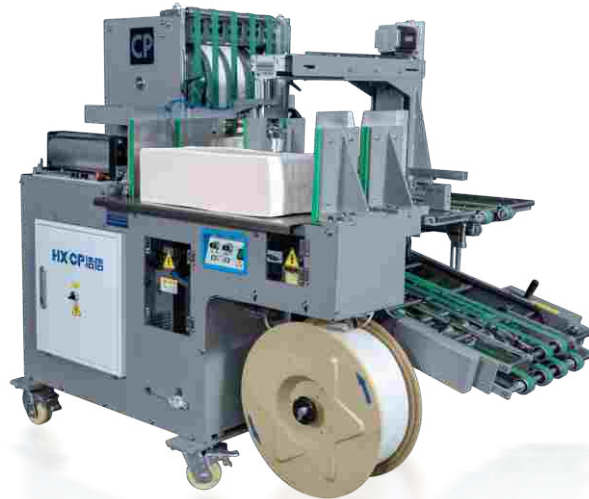
Stream Press Stack Delivery is a stream delivery with integrated pressing device. The pressing rollers deflate the air from the folded products and guarantee sharper folds. You can not only unload the products easier to the pallet, but offer your customers an excellent quality. The conveyor belts guide the sheets through a pair of pressing rollers. The Stream Press Stack Delivery with height adjustable infeed section are universally compatible with all CP folding machines.



PARAMETERS

Max Sheet Size	480×400mm
Min Sheet Size	120×110mm
Power Consumption	2.3kW
Dimensions	1.7×1m
Weight	400kg

VERTICAL PRESS STACKER AND BUNDLING DELIVERY



DETAILS

Vertical Stacker and Bundling Delivery, own a high storage capacity for folded or bound products that is therefore particularly suitable for the processing of medium to large runs, the integrated pressing unit exhausts air to improve the folding quality, and the delivery combines with the bundling device, can setting the signature stack number, flapping the stack neat, then push to the bundling station, pressing and bundling the folded sheets (signatures), brochures, book blocks, etc., with 3000N pressure, the Vertical Stacker and Bundling Delivery is fitting for industrial signature production, and is perfect for the next process production.

PARAMETERS

Max Sheet Size	480×360mm
Min Sheet Size	360×290mm
Power Consumption	1.6kW
Dimensions	1.78×1.6×1.4m
Weight	700kg
Bundling Pressure	1000kg



AUTOMATIC VERTICAL PRESS STACKING AND BUNDLING MACHINE

DK510 WEB PRESS MACHINE FOLDING / DK520 PAPER SHEET FOLDING MACHINE



DETAILS

Automatic Vertical Stacking and Bundling Machine can be connected with web press printing machine, or paper sheet folding machine, for folding signatures collecting, collect the folding signatures vertical, with pressing and flapping the stack neat, then push to the bundling station, insert the clapboard at both ends automatically, with 3000N pressure pressing and bounding the stack automatically. It's the fully automatic delivery for large runs folding signatures production, no laborer required, completely the whole intelligent automatic folding process.

PARAMETERS

Max Folding Speed (Paper Sheet Folding Machine)	18000pcs/h	Feeding Height	300-730mm
Max Folding Speed (Web Press Machine Folding)	40000pcs/h	Board Thickness	10mm
Max Signature Size	380x240mm	Bundling Pressure	8000N
Min Signature Size	150x100mm	Power	380V/3ph 6.5kW
Signature Requirement	60-120gsm 16/32k	Gas Demand	6bar
Bundle Thickness	500-700mm	Dimensions	3000x950x2550(LxWxH)mm
		Weight	2000kg

DUAL CAMERA INSPECTION SYSTEM



DETAILS

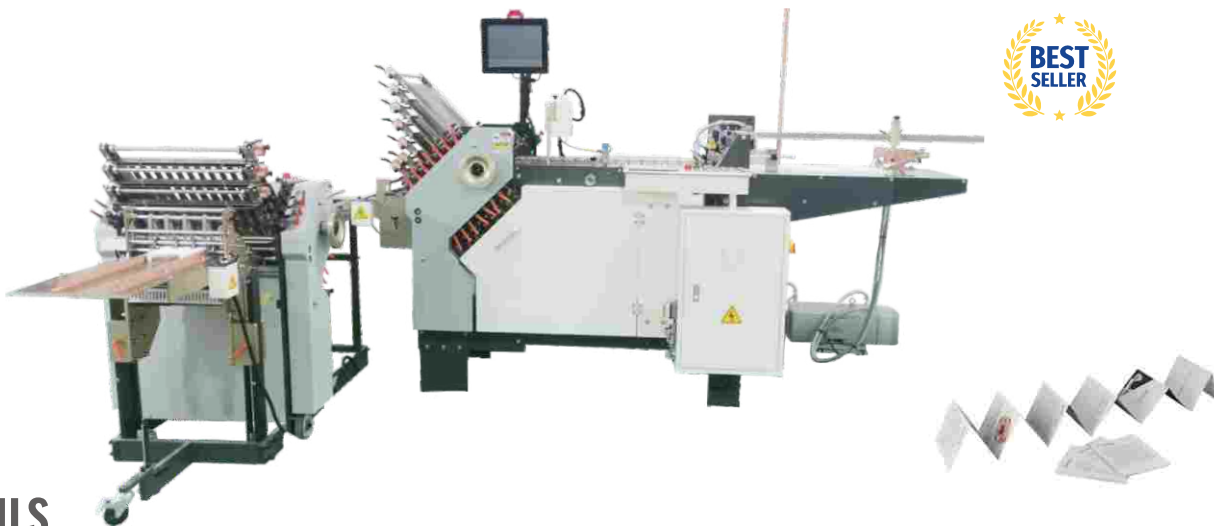
Dual Camera Inspection System, one camera inspects the leaflet from the top side, while the other is from the bottom side. that inspects both sides of a leaflet, online on any brand folding machines. Both cameras can perform print presence/absence, pattern match, bar codes (including pharma codes), 2D Codes & Text detection. The system comes with a 15" Touchscreen Industrial Panel Computer, and inspection software is easy to setup. The system controls both the cameras and processes their results to take any action needed against defects. Corrective action can be stopping the machine, or ejecting the sheet online.

PARAMETERS

Camera	300000 pixels, 640x480 pixels
Recognition Algorithm	pattern match (text, graphic), bar code, two-dimensional code, OCR
Detect Items	wrong page, deviation, print blurred, bar code, two-dimensional code
Inspection Speed	Single Camera >50000pcs/h, Dual Camera >40000pcs/h
Vision Range	55x40mm
Focal Length	12mm
Output	IO Control, Warning Light



MINIATURE BUCKLE FOLDING MACHINE



DETAILS

Miniature Buckle Folding Machine is high quality buckle folder for the B2 sheet size. the first folding unit with up to 20 buckle plates can carry out a 20 time parallel folding, and the second buckles can be installed in a parallel or vertical manner to achieve up to 12 times horizontal parallel folds or 12 times vertical parallel folding. The folder can handle half folding, double parallel folding, roll folding and more.



PARAMETERS

Min Sheet Size	50×90mm
Max Sheet Size	470×1000mm
Sheet Thickness	45–157gsm
Max Height of Paper Pile	550mm
Max Folding Roller Speed	220m/min
Machine Power	3.5kW
Machine Net Weight	1360kg
Overall Dimensions	2200×1100×1180mm(LxWxH)

OUTSET BOOKLET FOLDING AND SPRAY GLUING SYSTEM



DETAILS

In order to prevent the folded sheet of a booklet from opening in the saddle stitcher or the folded sheets from being displaced within a collated block, outset booklet folding and spray gluing system that produced a multi pages outset booklet in one production line.

The hhs spray gluing system is on the buckle folding machine, a very fine row of dots can be applied to the edge in the trim as auxiliary gluing. The bonding is removed with the end trim, then no metal stitch, fully recyclable booklets have been produced by this fully automatic production line.

PARAMETERS

Min Sheet Size	50x90mm	Adhesive Viscosity	1000mPa.s (Brookfield)
Max Sheet Size	520x1000mm	Max Switching Frequency	1000times/s
Paper Thickness	35–200gsm	Stacking Height	550mm
Compressed Air	1.0–6.0bar	Fastest Speed	220m/min
Spray Gluing Sets	hhs	Weight	800kg
Program Storage Capacity	99	Dimensions	3400x1100x1500mm
Nozzle Diameter	0.3–0.4mm		



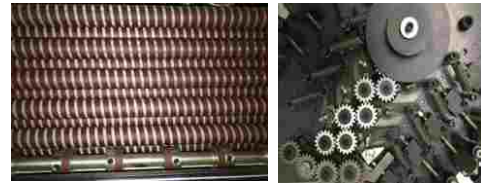
MINIATURE COMBINATIONAL FOLDING MACHINE

with Folding Knife and CCD Graphic Inspection System



DETAILS

Consistently modular in design, this Miniature Combination Folding Machine unite the buckle fold with the knife fold principle. It enable a wide range of applications – suitable for every need, whether signatures, package inserts or flyers. Numerous automation options allow flexible job changes and economical production of short runs. This allows you to expand your range with specialized applications, to enter new areas of business, and to add more value as needed. This will ensure your success on into the future.



PARAMETERS

Min Sheet Size	50×90mm
Max Sheet Size	520×1000mm
Sheet Thickness Range	35–200gsm
Max Height of Paper Pile	550mm
Max Folding Roller Speed	220m/min
Machine Power	4.0kW
Weight	1120kg
Dimensions	5050×1100×1500mm

INDEPENDENT FOLDING KNIFE



PARAMETERS

Min Sheet Size	100×20mm
Max Sheet Size	470×300mm
Speed	25000times/h

EXTENDED VERTICAL PRESS DELIVERY



PARAMETERS

Product Width	30–220mm
Product Height	20–110mm
Product Thickness	1–5mm
Power	220V
Infeed Height	600–880mm
Delivery Stacking Length	650mm

HXCP PHARMA INSERT AND OUTSERT PRODUCTION LINE



DETAILS

HXCP Pharma Insert and Outsert Production Line, with Miniature Buckle Folding Machine with capable of automatically setting the buckle plate and fold roller settings for up to 24 buckles in the first folding unit, connect with Parallel Folding Knife and Flat Pressing Unit, producing the pharma insert and outsert, with final fold size requirements can range down to 30×30mm, thickness up to 15mm. Connect with spray gluing, tape bundling, or seal labeling, and also with graphic detection or spray coding, to meet all kinds of requirements for the pharma insert and outsert, HXCP Pharma Insert and Outsert Production Line is the highly specialized production line.

PARAMETERS

Max Sheet Size	520×1000mm	Fastest Speed	220m/min
Min Sheet Size	50×90mm	Power	7.0kW
Max Folded Thickness	15mm	Voltage	380V
Min Folding Finished Size	30×30mm	Weight	1200kg
Max Folding Finished Size	140×90mm	Spray Gluing Sets	hhs
Sheet Thickness	35–200gsm	Compressed Air	0.6mpa
		Dimensions	3700×8000mm

PARALLEL FOLDING KNIFE



DETAILS

Parallel Folding Knife is a knife folding unit specifically designed for miniature folding, primarily in the pharmaceutical industry. The unit commonly goes in line with feeders, buckle folders and pressing units to make, multi-panel inserts and outserts. The knife unit also is commonly used to apply glue closure to inserts and outserts. Through its adjustable design, it can mate up to nearly any upstream folding unit and deliver the product straight through to the downstream units.

The open design and simple process path makes this knife unit stand out amongst the competition. The unit is mobile and flexible and can be used in series with multiple units for HXCP Pharma Insert and Outsert Production Line. This unit is durable and take the aggressive production processes of the pharma industry.

PARAMETERS

Min Infeed Size	29x58mm(WxL)
Max Infeed Size	100x200mm(WxL)
Max Product Thickness Output	15mm
Infeed Height	685-900mm
Output Height	685-900mm
Fastest Speed	120m/min

BELT PRESSING UNIT



DETAILS

Belt Pressing Unit is a module designed to uniquely remove air and flatten pharmaceutical inserts and outserts. The folded product gets forced between two constant speed belts on a roller train that continually presses the product over a long distance. This adds dwell time to the pressing process and eliminates the shock and bounce of traditional systems. The result is a flatter, thinner product with better visuals, more pieces in the tray, and better folding functionality for an increased production rates. Further on the packaging lines at the pharma plant run better when they are fed a flatter, higher quality insert. The unit is mobile and height adjustable so it can be placed in nearly any finishing line.

PARAMETERS

Dimensions	940x1100mm(WxL)	Speed	1–60m/min
Working Height	600–900mm	Control	Self Drive for Separate and Flexible Use
Max Working Width	320mm	Electrical Supply	220V/16A
Pressing Power	0–8000N	Compressed Air	6bar

VERTICAL STACKING DELIVERY



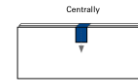
DETAILS

Vertical Stacking Delivery is the standard for most miniature folding systems. This unit turns the product vertical as it stacks to form an easy to handle stream that has a greatly reduced build rate. A kicking assembly can help mark batch counts so the operator can be more efficient.

PARAMETERS

Power	0.9kW	Product Thickness	2–15mm
Max Infeed Height	830mm	Weight	210kg
Min Infeed Height	700mm	Power Voltage	220V
Product Width	30–220mm	Dimensions	1540×724×1765mm(L×W×H)
Product Height	30–110mm		

CONVEYOR BELT SEALING LABELING MACHINE



DETAILS

Conveyor Belt Sealing Labeling Machine applies a single label/tab, on one side, to seal the open edge of a folded product, for example a pack leaflet or outsert. The unit is modular and height adjustable to place easily behind any folder or upstream process. An extended discharge area ensures that the products are safely transferred to downstream line components. The product thickness can be easily set between 0.5 and 20 mm covering a wide range of products. Sealing labels from a roll with a silicone release liner of 15, 20 or 25 mm wide, are dispensed onto the rear edge of the product and then applied around it by means of an air blowing nozzle and a pressing applicator. Servo drives ensure the maximum output and precision are achieved, and interchangeable dispensing edges and format plates assure the machine can be converted quickly and conveniently to many label widths or paper sizes.

PARAMETERS

Max Size of Label	20×15mm	Power	50–60Hz 220V
Max Size of Insert	155×40mm	Labeling Machine Dimensions	1700×650×1550mm(L×W×H)
Min Size of Insert	35×40mm	Delivery Machine Dimensions	1200×170×760mm(L×W×H)
Labeling Precision	1mm		
Labeling Speed	26000pcs/h		

OUTSET BOOKLET FOLDING, STITCHING, THREE-SIDE-TRIMMING PRODUCTION LINE



DETAILS

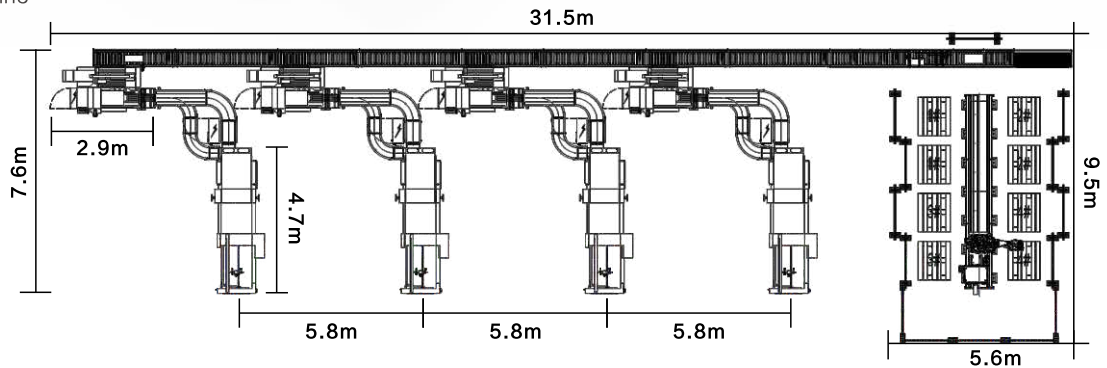
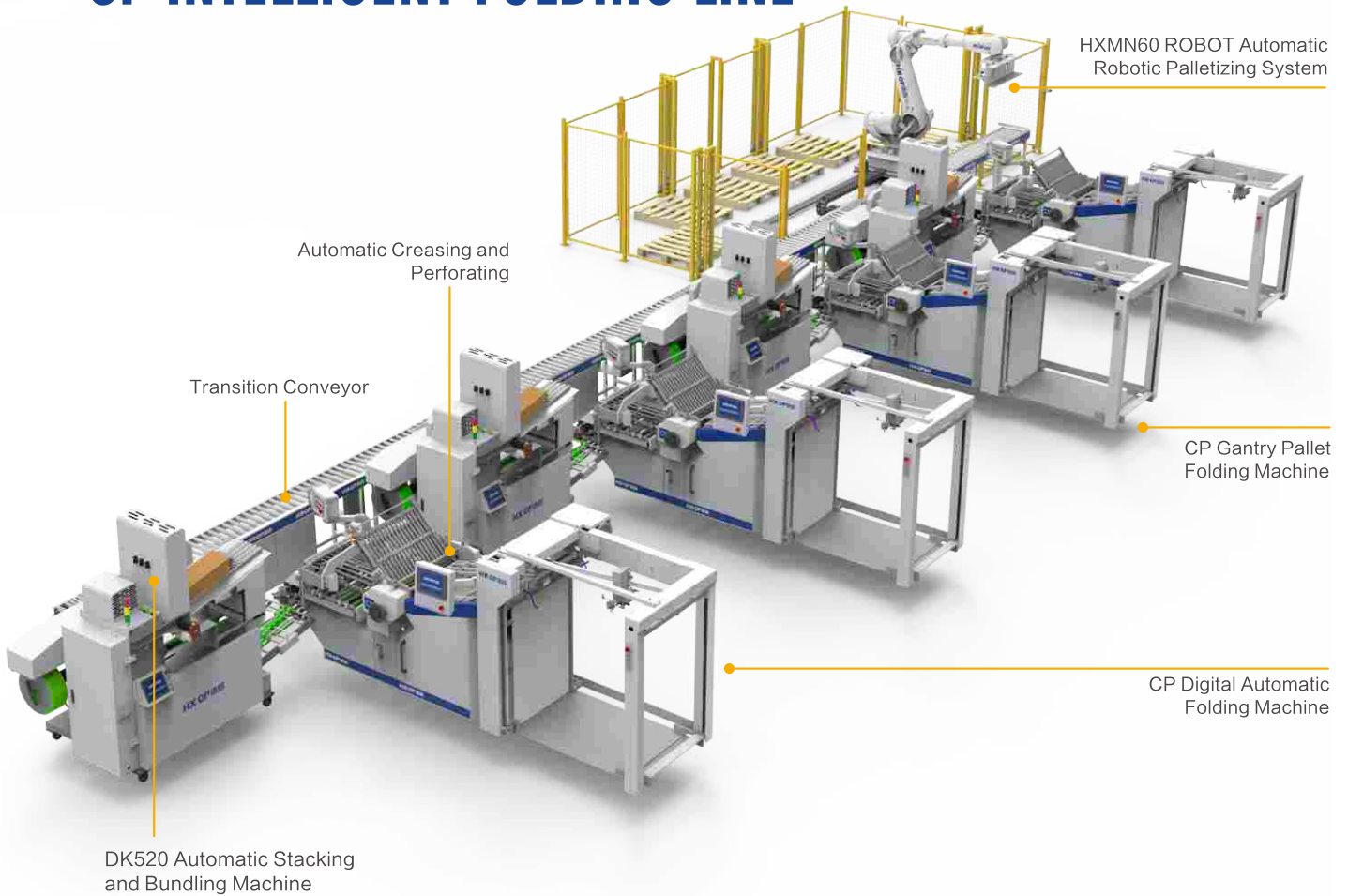
Outset Booklet Folding, Stitching, Three-Side-Trimming Production Line's configuration is buckle folding machine, saddle stitching station, central folding station, front trimming station, head and foot trimming station, even the central trimming knife for the two-up products. This production line opens up a broad spectrum of subsequent finishing possibilities for folded, stitched products. Booklets, advertising supplements, instruction manuals, package inserts and calendars are typical products that can be produced in one-up or multiple-up mode.



PARAMETERS

Max Sheet Size	520×1000mm	Stitching Heads	2 (Max 6)
Min Sheet Size	50×90mm	Middle Knife	1 (Max 2)
Paper Thickness	35–200gsm	Power	10kW
Max Binding Thickness	3mm	Voltage	380V
Max Finished Size	520×150mm	Compressed Air	0.6mpa
Min Finished Size	55×60mm	Dimensions	1500×8500mm

CP INTELLIGENT FOLDING LINE



DETAILS

CP Intelligent Folding Production Line includes 3 parts. Four or more CP gantry folding machines are produced in parallel. Different signatures from the same book are folded and produced at the same time. The signatures are automatically collected and bundled by DK520 Automatic Vertical Stacker and Bundling Delivery. After the DK520 Automatic Vertical Stacker and Bundling Delivery automatically presses and collects, bundles signatures, the signature bundles are marked with inkjet codes and sent to the conveyor belt. After the stacking robot reads the inkjet codes, the signatures are stacked and placed on the corresponding platen. The CP intelligent folding production line realizes the production of different signatures of the same book at the same time, at the same speed, and in the same quantity.

PARAMETERS

CP DIGITAL AUTOMATIC FOLDING MACHINE

	Max. Sheet Size	Min. Sheet Size	Sheet Gram	Mechanical Speed	Power Consumption	Dimensions (LxW)	Weight	Stacking Height
CP DIGITAL 78/4KLL-F	780x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.63m	2.3T	0-1200mm
CP DIGITAL 80/4KLL-F	800x1140mm	200x150mm	40-210g/m ²	210m/min	8.5kW	4.8x1.65m	2.4T	0-1200mm

AUTOMATIC VERTICAL PRESS STACKING AND BUNDLING MACHINE

Max Folding Speed	20000pcs/h	Board Thickness	8-12mm
Max Signature Size	520x320mm	Bundling Pressure	8000N
Min Signature Size	210x105mm	Power	380V/3ph 6.5kW
Signature Requirement	60-120gsm 16/32k	Gas Demand	6bar
Bundle Thickness	500-700mm	Dimensions	3000x950x2550(LxWxH)mm
Feeding Height	300-520mm	Weight	2000kg

COMPONENTS

- CP Gantry Pallet Folding Machine
- CP Digital Automatic Folding Machine
- Automatic Creasing and Perforating
- DK520 Automatic Stacking and Bundling Machine
- HXMN60 ROBOT Automatic Robotic Palletizing System
- Transition Conveyor



CP Intelligent Folding Line Reality View

HXSTA840 STREAM LOG FEEDER



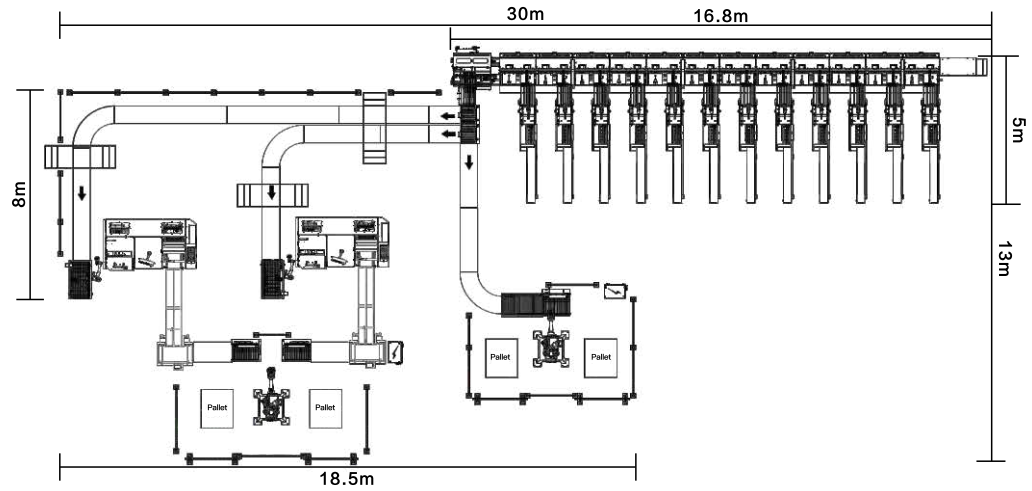
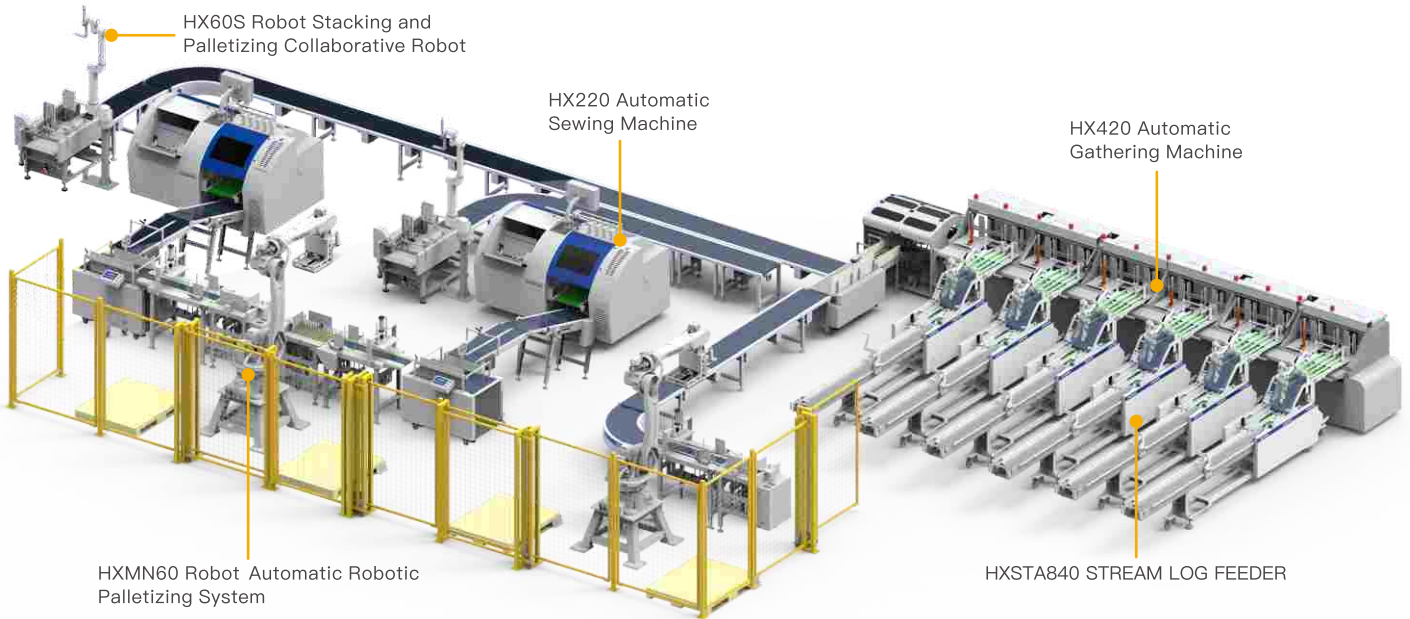
DETAILS

HXSTA840 Stream Log Feeder is often equipped with various book binding machines, such as the perfect binding machine and gathering machine, as the swiveling feeding conveyor, the feeding way is the rear edge of one sheet of paper overlaps the front edge of the successive sheet, it is essential for the operation of the binder as it helps in feeding the sheets or logs into the machine for binding.

PARAMETERS

Max Sheet Size	320×335mm	Fastest Speed	18000pcs/h
Min Sheet Size	105×200mm	Air Demand	6 Bar
Max Sheet Thickness	5mm	Voltage	3Ph, 380V
Stacking Height	960mm	Power	1kW
Log Length	2400mm	Weight	850kg
		Dimensions	4000×600×1500mm(L×W×H)

INTELLIGENT AUTOMATIC GATHERING AND SEWING LINE



DETAILS

Intelligent Gathering and Sewing Production Line is the most efficient solution for the production of sewn books, minimizing production costs. The solutions are composed of HXSTA840 Stream Log Feeder, HX420 gathering machine, HX60S Robot Stacking and Palletizing Collaborative Robot, and a minimum of one up to five automatic HX220 book sewing machines.

PARAMETERS

HXSTA840 STREAM LOG FEEDER

Max Sheet Size	320×335mm	Fastest Speed	18000pcs/h
Min Sheet Size	105×200mm	Air Demand	6 Bar
Max Sheet Thickness	5mm	Voltage	3Ph, 380V
Stacking Height	960mm	Power	1kW
Log Length	2400mm	Weight	850kg
		Dimensions	4000×600×1500mm(L×W×H)

HX420 AUTOMATIC GATHERING MACHINE

Max Signature Size	420×320mm	Power	9kW
Min Signature Size	125×75mm	Gas Demand	300L/min @0.6Bar
Sheet/Signature Thickness	200gsm-2mm	Weight	5000kg
Fastest Speed	5000pcs/h	Dimensions	7525×890×1577mm

HX220 AUTOMATIC SEWING MACHINE

Max Machine Speed	200cyc/min	Power	7.8kW
Min Book Size	75×125mm	Voltage	380/220V, 50/60Hz, 3ph
Max Book Size	320×440mm	Compressed Air (External Supply)	500L/min @6bar
Uncovers the Page Number	Upside 4, Lower Part 4 +1 High-Low Lap Opening	Dimensions	2890×1700×1850mm(L×W×H)
Stitch Count	10	Equipment Net Weight	3300kg
Giant Needle	19mm		

HX60S ROBOT STACKING AND PALLETIZING COLLABORATIVE ROBOT

Max Signature Size	400×300mm	Gas Demand	68L/min, 0.6mpa
Min Signature Size	150×100mm	Weight	500kg
Stacking Height	60-120mm	Dimensions	2950×620×1550mm
Speed	300 times/h	Pallet size	1000×800mm
Power	3kW	Palletizing height	1000mm