

ECO泡罩包装机 FBP-600E

ECO BLISTER FBP-600E



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FBP-600E

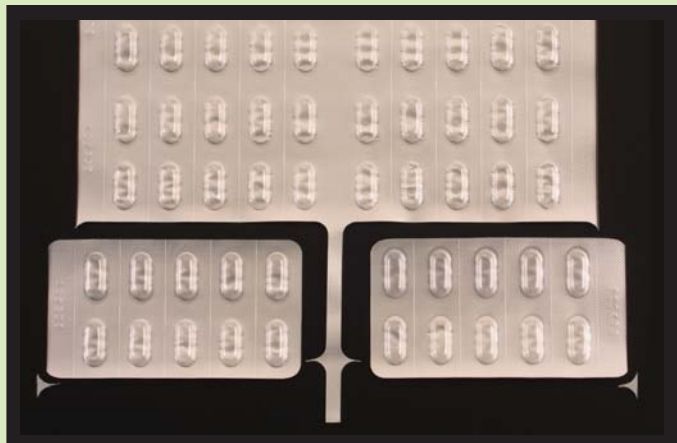
采用综合解决方案
实现节约能源、资源No. 1

No.1 energy saving and material saving
has come true by CKD's total solution
technology.



追求环保、经济

Challenge to Ecology and Economy



■减少废料（选购） Reduction of scrap volume (Option)

两边无废料产生，
与传统机型相比，废料数量减少70%。

Elimination of scrap on both sides of film has realized reduction of scrap volume by 70% compared to conventional machine.

■通过减轻成型模具重量， 可迅速变更尺寸。

Weight saving of forming dies helps quick size change-over.

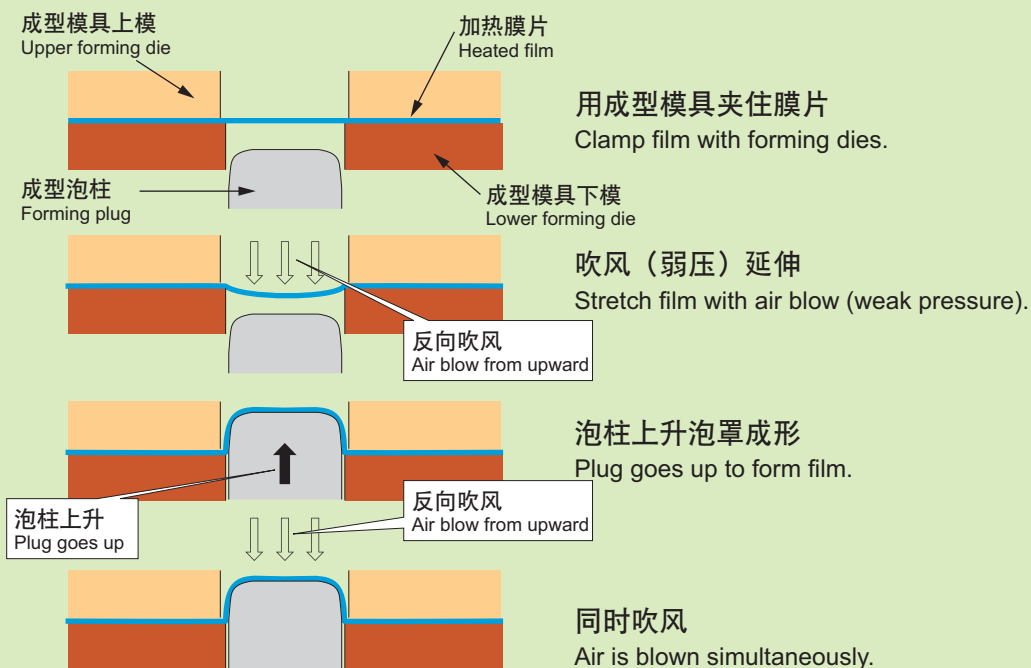


成型模具上
Upper forming die

成型模具下
Lower forming die

泡柱
Forming plug

■新的成型方法 New type forming method



1. Ecology

■减少废料 Scrap volume reduction

采用独特的加热成型输送系统减少70%废料

CKD's unique film heating/forming/transferring system has realized scrap volume reduction by 70%.

2. Economy

■耗气降低50-80% Air consumption reduced by 50~80%

■耗电减少25% Electric power consumption reduced by 25%

采用新的泡柱成型方法、独特的组件伺服驱动，大幅度降低能源成本

CKD's new plug assist forming method and unique unit servo drive system have realized remarkable reduction of energy cost.

3. Easy

■成型模具重量减轻70% Weight of forming dies reduced by 70%

■无需微调 No fine adjustment required

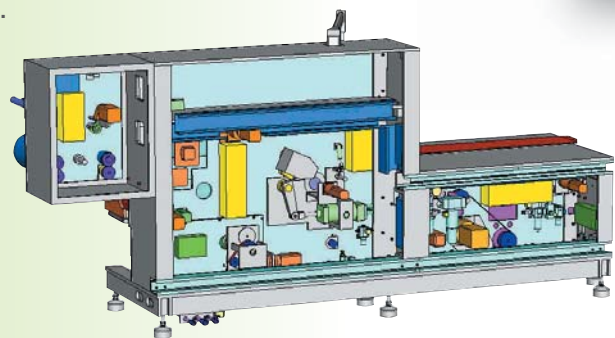
通过数字设置，运行期间也能调整

Machine adjustment is possible with digital setting even when the machine is in operation.

■充裕的作业空间 Sufficient working space

通过采用组件伺服驱动，机械装置简单，确保77%的作业空间

Unit servo drive system has realized simple machine construction. 77% of machine volume is secured for working space.



ECO泡罩包装机

7大特点

ECO BLISTER
Seven
Outstanding
Features

4. Clean

■平坦设计 Flat machine design

容易发现异物和不同品种，追求易清扫性能

Flat design helps superior visibility of foreign particle/wrong product and easy cleaning.

5. Compact

■占地面积减少20% Machine floor space reduced by 20%

与异物检测机在线一体化，进一步减小占用空间

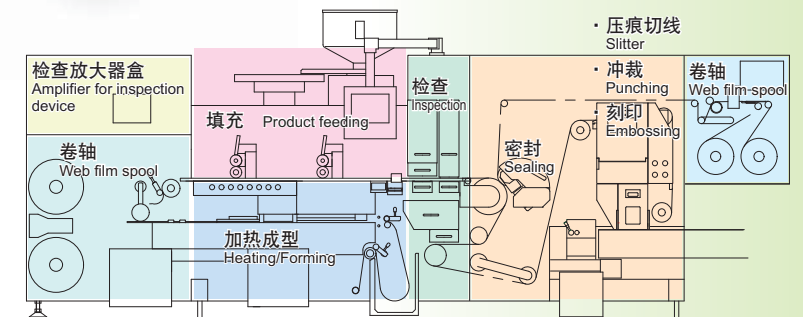
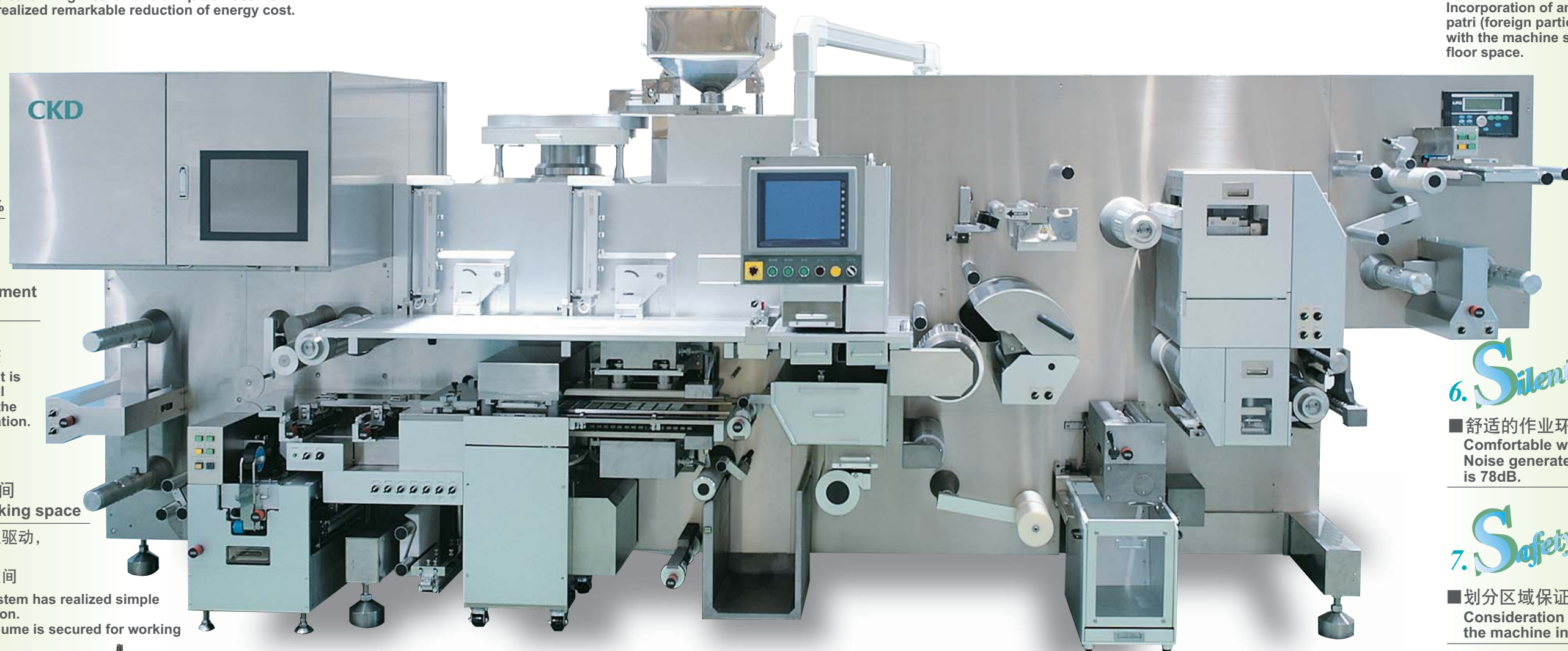
Incorporation of amplifier box for flash patri (foreign particle inspection device) with the machine saves more machine floor space.

6. Silent

■舒适的作业环境，噪音78dB Comfortable working environment Noise generated from the machine is 78dB.

7. Safety

■划分区域保证安全 Consideration for safety by dividing the machine into zones



支持GMP，重视安全性

Compatibility to GMP · Consideration to safety



■支持GMP Compatibility to GMP

容易发现异物和不同品种，构筑易于清扫的平坦设计。
通过内置Flash Patri，可完全防止异物进入。

The machine is designed flat for easy visibility of foreign particle and wrong product, and easy cleaning.

Incorporation of flash patri with the machine prevents foreign particle from coming in.

■易于清扫 Easy cleaning

尽量减少螺丝数量，进料部分制成平坦形状，有助于防止污染。

Reduction of bolts to lowest limit and flat design in the tablet feeding section help prevention of contamination by powder, tablet etc.



■保持良好的工作环境 Consideration to worker's environment

噪音实现78dB。

Lower machine noise of 78dB has been realized.

■重视安全性 Consideration to safety

保持作业性的安全罩

Safety cover is designed with consideration to workability.

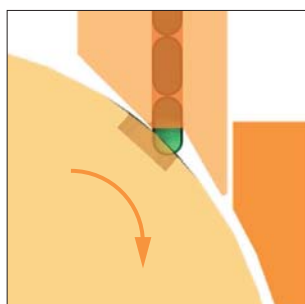
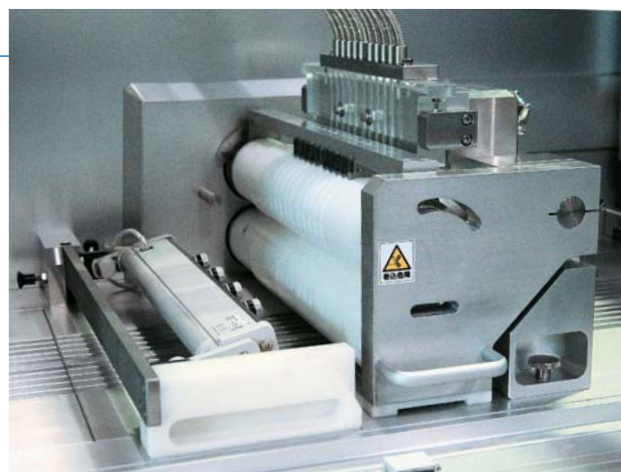
取得PASS认可（合格NO.CSI03-014）

PASS certificated. (CSI03-014)

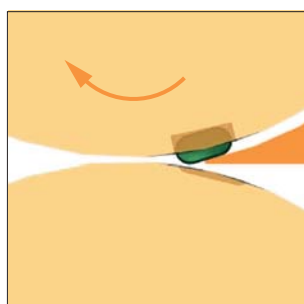


支持通用泡罩的进料装置……PAT PEND
Tablet feeding device corresponding to pocket standardization

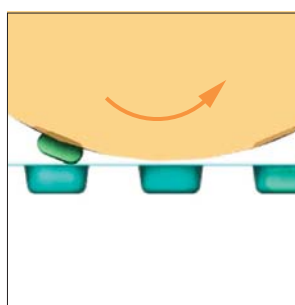
填充药片可不受泡罩尺寸影响。
 Stable tablet feeding is realized, regardless of pocket size.



药片进料部分上方
 Transfer from chute to first roller

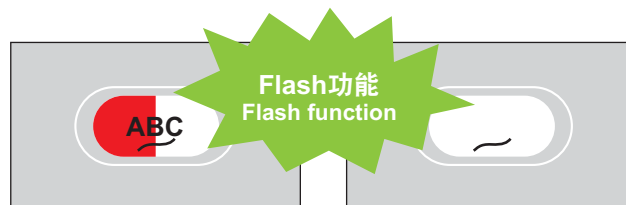


药片进料部分中部
 Transfer from first roller to second roller



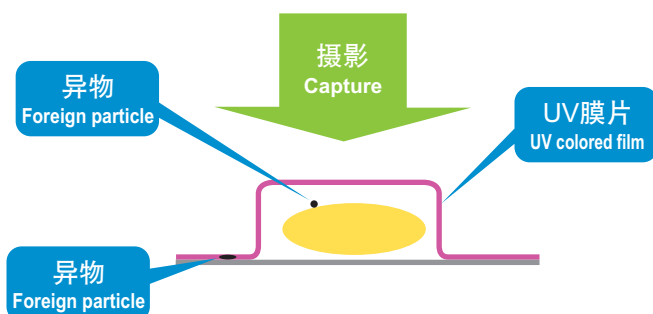
药片进料部分下方
 Delivery of tablet to pocket from second roller

PTP板药片异物检查装置 Flash Patri (选购)
Foreign particle inspection device - Flash patri (Option)

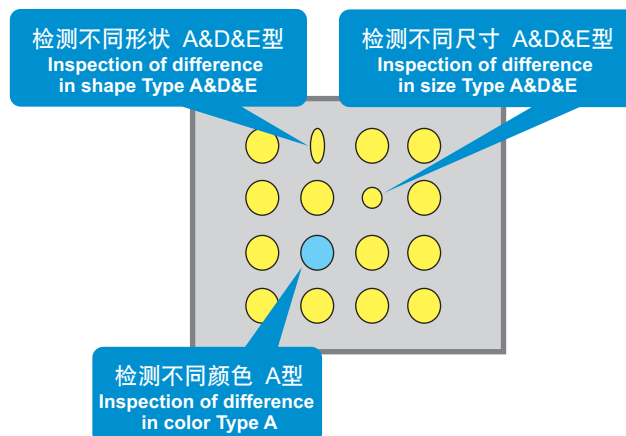


●也可以检测胶囊及印刷上的异物、断裂线上的异物
 Foreign particle on printing of tablet surface and on tablet slit can also be inspected.

●利用Flash功能，即使是铝箔印刷中的异物也可以查出
 Flash function only inspects foreign particle only, even though it is found on Al foil printing design.

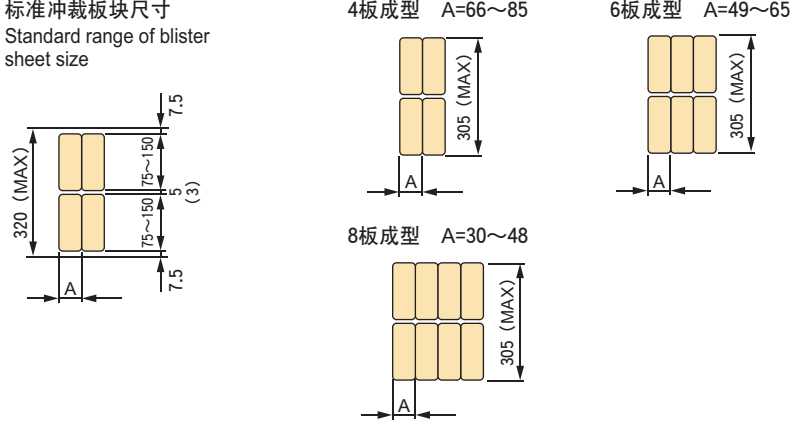


●也可以检测防紫外线 (UV) 用彩色膜片，就像检测透明膜片一样
 Not only transparent film but UV colored film can be used with foreign particle inspection device.

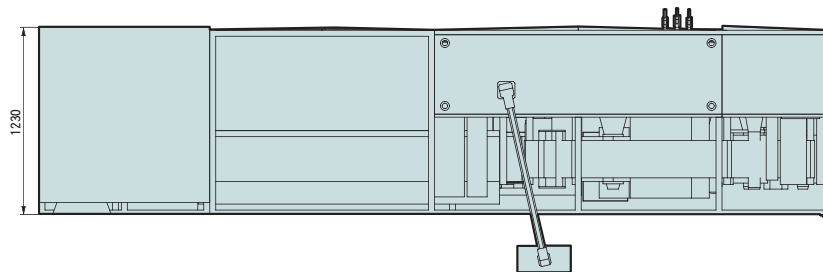


●可根据形状和颜色的差异来检测不同品种
 Wrong product can be inspected with difference in shape and color.

规格 Specifications

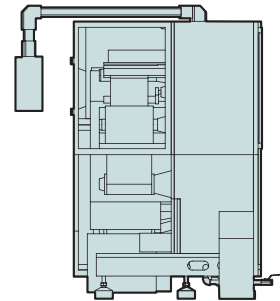
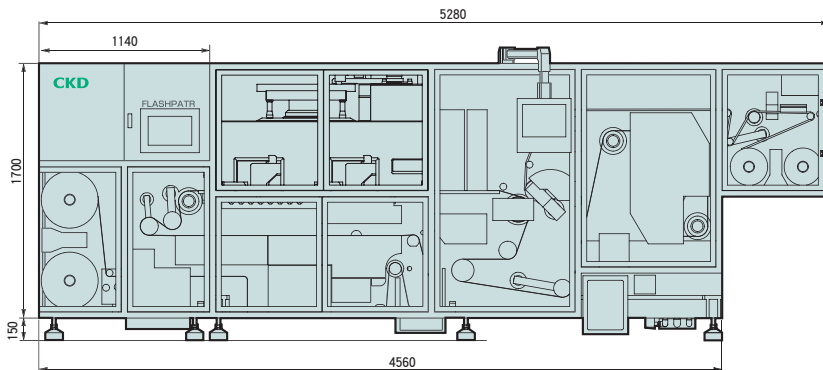
项目 Item			
膜片速度	Film run speed	12m/分钟 (MAX)	12m/min (MAX)
冲裁次数	Trimming shot cycle	300次/分钟 (MAX)	300Shots/min (MAX)
冲裁板数	Machine speed	600板/分钟 (MAX)	600Sheets/min (MAX)
成型次数	Forming cycle	75次/分钟 (MAX)	75Shots/min (MAX)
成型有效面积	Effective forming area	305×195mm	305×195mm
药片包装能力 (按照每板10片换算)	Packaging capacity	6,000片/分钟 (MAX)	6,000pcs/min (MAX)
成型板数	Number of blister sheets per one forming cycle	<p>标准冲裁板块尺寸 Standard range of blister sheet size</p>  <p>4板成型 A=66~85 6板成型 A=49~65 8板成型 A=30~48</p>	
适用包装材料	Packaging material	PVC、PP、AL、其他PVC复合膜 (150~300 μ)	PVC,PP,AL,Other PVC compound film (150~300 μ)
塑料薄膜宽度	Web film width	320mm (MAX)	320mm (MAX)
塑料薄膜有效宽度	Web film width available	305mm (MAX)	305mm (MAX)
盖膜宽度	Lid foil width	塑料薄膜宽度-5mm	Web film width-5mm
电源	Power supply	AC200V3相 50/60Hz 控制电路 DC24V 36kVA	AC200V3 φ 50/60Hz operation circuit DC24V approx 36kVA
压缩空气	Compressed air	0.5MPa以上 600升/分钟 (常态, 去除水分)	5kg/cm ² or more.600ℓ/min (Normal, free from moisture)
冷却水	Cooling water	20升/分钟 (普通自来水管水压0.1~0.15MPa)	20ℓ/min (normal water supply pressure 1.0~1.5kg/cm ²)

外形尺寸 Machine outer dimensions

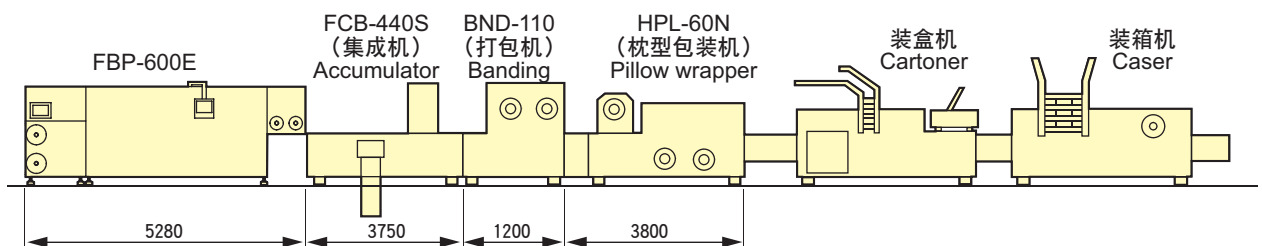


请在前后各留出1m的空余
以便于维修

Additional one meter each on the
machine front and backside is
required for maintenance.



系统结构图 System configuration



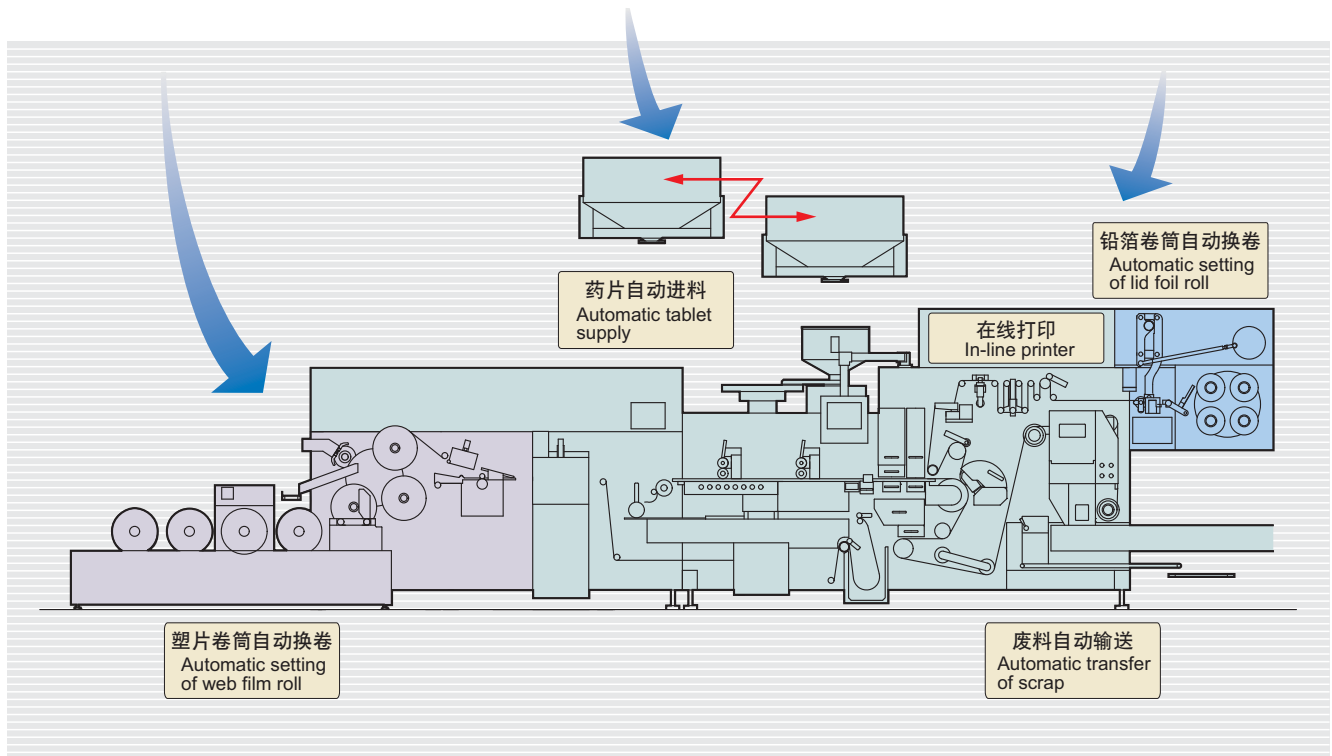
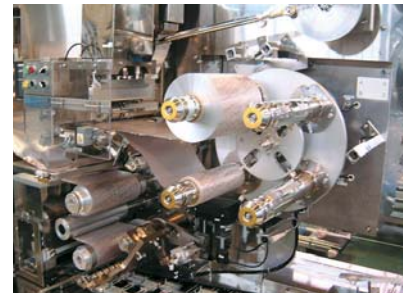
扩展到无人操作的性能

Extensibility to unmanned operation

从PTP到打包和枕型包装，利用CKD商品一系列全套系统，加上塑片卷筒的自动换卷、铝箔卷筒的自动换卷、药片自动进料装置、在线打印机、废料自动输送装置等，可以构筑无人操作系统。

CKD can build up complete blister packaging system from blister packaging to bundling and pillow wrapper of all CKD make.

Unmanned operation oriented system can also be fabricated with additional functions such as automatic setting of web film rolls and lid foil rolls, automatic supply of tablet, in-line printing, automatic transfer of scrap etc.



If the goods and their replicas, or the technology and software in this catalog are to be exported, laws require the exporter to make sure they will never be used for the development or the manufacture of weapons for mass destruction.

CKD Corporation

<Website>
<http://www.ckd.co.jp/>

本社・工場	〒485-8551 愛知県小牧市応時2-250	TEL+81-0(568-77-1111 FAX+81-0(568-77-1123
営業統括部	〒485-8551 愛知県小牧市応時2-250	TEL+81-0(568-74-1316 FAX+81-0(568-77-3412
自動機械東京営業部	〒105-0013 東京都港区浜松町1-31-1 (文化放送メディアプラス4階)	TEL+81-0(3-5402-3626 FAX+81-0(3-5402-0121
自動機械名古屋営業部	〒485-8551 愛知県小牧市応時2-250	TEL+81-0(568-74-1357 FAX+81-0(568-77-3317
自動機械大阪営業部	〒550-0001 大阪市西区土佐堀1-3-20	TEL+81-0(6-6459-5773 FAX+81-0(6-6446-1945
Overseas Sales Dept	2-250 Uji Komaki, Aichi 485-8551, Japan	TEL+81-0(568-74-1336 FAX+81-0(568-77-3412
		E-mail : ptpsales@ckd.co.jp

● 技术规格如有更改，恕不另行通知

● Specifications are subject to change without notice

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