

ASP-LP0100

Automatic Laser Pocket Opener

自动激光开袋机



代替传统操作省人工

Streamlines Traditional Processes,
Reducing Labour Costs.

订口袋一系列工序 13 秒不用移动口袋与一般的泛用机相比实现提升 4 倍以上 !!

Stationary pocket placement process finishes within 13 seconds,
4 times faster than the average machine.



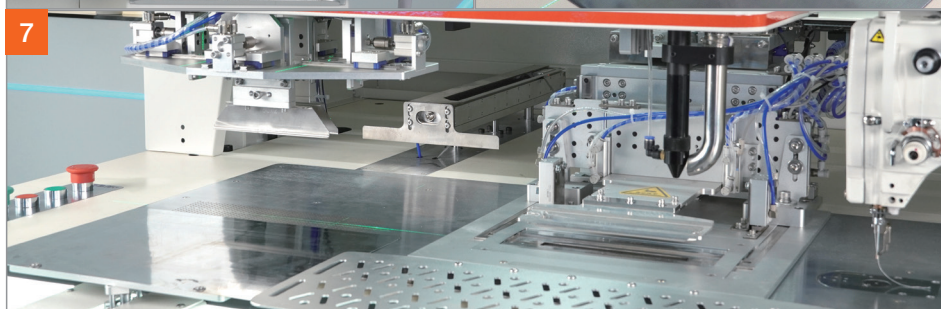
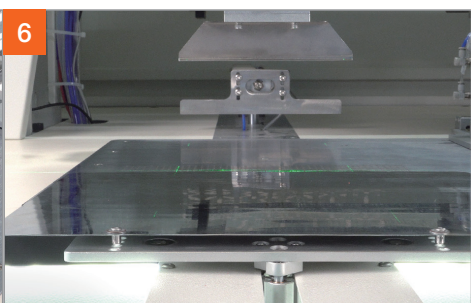
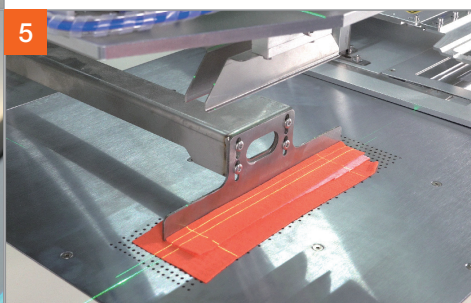
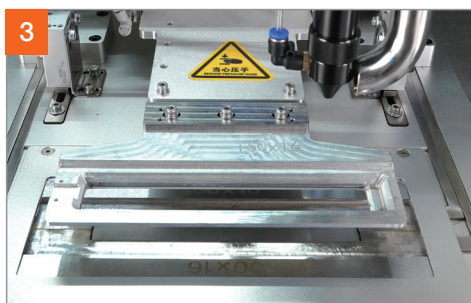
以常规口袋为例，如上图花样缝纫尺寸
Taking a standard pocket as an example, the above pattern
showcases precise sewing dimensions.

产品特点

FEATURES

- 1 创新的自动化设计,让繁琐的开袋工序一次完成。
Innovative automation design allows the tedious bag opening process to be completed in one go.
- 2 全新的设计概念,适应更多布料和工序。
The brand-new design concept is adaptable to more fabric types and working procedures.
- 3 独特中压脚设计,没有反向线迹,线迹更美观。
Unique medium presser foot design, no reverse stitches, and the stitches look more beautiful.

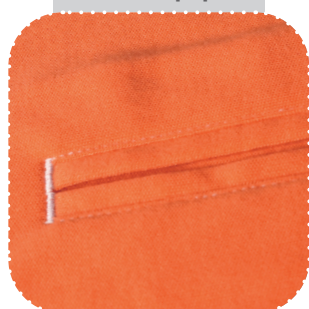
- 4 操作介面简单,自备免打板系统。
Easy to operate and comes with CAD.
- 5 标配镭射定位及布料吸附装置,放料更精准便捷。
Standardly equipped with laser positioning and fabric suction device, more accurate and convenient for material release.
- 6 外置磁吸托布板
专利的运布机构,没有多余的动作,减少袋布位移。
Patented feeding mechanism with streamlined motion, minimising fabric displacement for flawless pock positioning.
- 7 专利折袋机构,配合专利夹袋装置,袋型更标准,运作更稳定。
Patented bag folding mechanism, with patented bag clamping device, creating a more standardised shape and smooth operation.
- 8 断线检测装置。
Thread breaking detection device.



车缝线迹效果

STITCHING FINISH

双唇
Double piped



单唇
Single piped



拉链袋
Zipper pocket



袋盖袋
Flap pocket



1 口袋 13.0 秒

口袋的设定、激光、折边与缝制的循环作业只需要一台机器,实现生产效率。搭载的机头是采用专用的高速单针缝自动切线缝纫机,最快缝制速度3,000sit/min

※口袋缝制条件:300针(中型前後袋)

1 pocket 13.0 seconds

The pocket setting, laser, hemming and sewingcycle requires only one machine to achieve productivity.

The machine head is equipped with a special high-speedsingle-stitch automatic cutting sewing machine with thefastest sewing speed of 3,600sit/min

*Pocket sewing condition: 300 stitches (medium front and rear pockets)

使用设备,减少的人员

ASP-LPO100实现了开口袋明线缝一系列工序自动化。这些工序使用常用机进行缝制,要实现ASP-LPO100同样产量的话,需要以下设备共计5台(5人)

- 单针自动剪线平缝机:4台[开口袋]
- 套结机:1台(袋口套结)

ASP-LPO100缝制这些需要1台(1人)

Reduce labour costs by advanced equipment

The ASP-LPO100 automates the full sequence of pocket topstitching operations. With a conventional machine, achieving the same production rate would require 5 separate units and labourers.

- Single needle flat sewing automatic cutting machine: 4 [pocket opening]
- Bartacking machine :1 set (bag mouth bartacking)

ASP-LPO100 Sewing these requires 1 set (1 person)

订後袋工序 Pocket stitching process	泛用机 General-purpose machine	ASP-LPO100
开口袋 Slash a pocket 袋口套结 Bag mouth knot	34s } 22s } 56s	口袋大小 Poket size 真假袋 Genuine and fake bags 13~26s
生产量 Production capacity	600 PS	2400 PS

	泛用机 Universal machine	ASP-LPO100	引入效果比较 Comparison of introduction effects
生产量 Production capacity	2400 ps	2400 ps	相同数量 The same number
工序时间 Process time	64s	13.0s	减少约1分钟 Decrease by. about 1 minute
工人人数 Number of workers	4人 4 Worker	1人 1 Worker	减少3人 Reduce by 3 workers
设备台数 Number of equipment	4台 4 machine	1台 1 machine	减少3台 Reduce by 3 machines
工序数 Number of operation	3	1	减少2道工序 Reduce 2 processes

型号 Model	ASP-LP0100		
车缝速度 Sewing Speed	3000 SPM (Max)	使用针型 Needle Type	DP x 17 11#~18#
缝制线迹编程 Sewing thread programming	数字打版花样编程 Digital pattern programming	缝绗针距 Stitch Length	0.05~12.7mm
线迹编程储存容量 Line trace programming storage capacity	999 种 999 types	压脚上升高度 Pressure foot lifting height	28mm
缝制口袋范围 Sewing pocket range	X 方向 300 / Y 方向 200 300 in the X axis and 200 in the Y axis	缝制口袋速度 Sewing pocket speed	13~26 秒 / 个 13~26 seconds per piece
折袋方式 Bag folding method	双开, 4 方向双气气缸同步折袋 Double opening, 4-way dual cylinder synchronous folding bag	缝制工作方式 Sewing working mode	折袋和缝制同时进行, 自带断线保护 Folding and sewing, are carried out simultaneously, with built-in thread breakage protection
驱动方式 Driving method	台达伺服电机 Delta servo motor	卓越激光 JOY laser	120W
电源 Power source	AC 220V	气压, 空气消耗量 Airpressure, airpressure consumption	0.6mpa (5kg/cm ³) 22dm ³ /min
净重 / 毛重 N.W. / G.W.	750KG / 940KG	机器尺寸 Dimensions	(W)1910 × (D)1530 × (H)1510mm
生产效率 Production Capacity	138~275 个 / 小时 138 ~ 275 PCS / Hour		



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由於对产品的改良及更新, 本产品型录中之产品规格及外观的修改恕不事先通知!
The specification and/or appearances of the equipment described in this catalogue
are subject to change without previous notice because of modification.

SEP. 2025