

GLR-2210N-PW

Automatic Pocket Welting
Machine With Laser



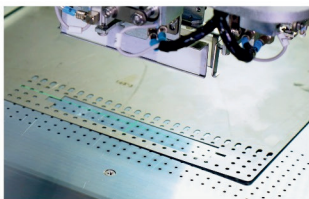
Range of application



Product features

1. Pocket opening is achieved using a laser, with automatic folding, feeding, and sewing processes completed in a single cycle, ensuring high quality and efficiency.
2. Adjustable laser power (80-100W) makes it suitable for different fabric types.
3. Equipped with infrared positioning for precise alignment and easy operation.
4. Intelligent induction system with an automatic stopping function enhances safety and usability.

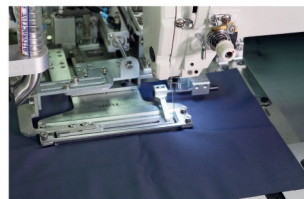
Scope of Application: Suitable for opening and sewing various pocket types, including single-side pockets, double-side pockets, zipper pockets, single-side zipper pockets, and double-side zipper pockets.



Infrared positioning



Pocket opening with laser



Automatic sewing

/ Performance advantage

1. X and Y axes are driven by servo motors, offering fast operation, minimal noise, and extended service life.
2. All critical components are made from imported parts, ensuring high quality and durability.
3. The automatic non-ironing pocket folding mechanism utilizes cylinder folding technology to enhance production efficiency and reduce labor costs.
4. The internal pressure frame features an automatic shrinking mechanism, allowing unrestricted edge stitch changes for the pocket.
5. Achieves efficiency that is three times higher than conventional pocket openers.
6. Replaces the workload of up to **6 machines** and reduces the need for **10 operators**, saving costs and resources.
7. Enhances accuracy and optimizes production time for superior efficiency.

Open pocket pattern type



Single Side Pocket



Double Side Pocket



Single Side Zipper Pocket



Double Side Zipper Pocket



Zipper Pocket



Parallelogram Pocket



Bound Pocket



Cotton Clothes Pocket



Single Bone Loop



Flap Pocket

Specification parameter

Parameter	Details
Machine Head	2210 Pattern Sewing Machine Head
Needle	DPx17 (12#14#)
Head Sewing Speed	1800–2800 rpm
Stitch Programming Storage Capacity	Operation screen input mode
Trace Programming Storage Capacity	Can store up to 999 patterns
Stitch Distance	1.0 mm–3.5 mm
Presser Foot Rising Height	60 mm–80 mm
Sewing Pocket Range	X: 100 mm–220 mm; Y: 10 mm–35 mm
Cloth Positioning	Infrared spotlights
Sewing Pocket Speed	30–40 seconds/piece (depending on the speed of the worker)
Folding Pocket Mode	Fold the pocket simultaneously in all four directions
Pocket Opening Mode	80–100 W laser cutting mode
Sewing Working Mode	Pocket opening/folding/sewing/cutting/bartacking
Cloth Feeding Drive Method	Servo motor driven (750 W)
Power Supply	AC 220 V
Air Pressure/Air Pressure Consumption	0.6 MPa (6 kg/cm ²); 22 dm ³ /min
Weight	908 kg
Thread Broken Induction	With intelligent wire break induction
Packing Size	1925x1550x1700mm