

# QUEEN LIGHT PRESENTS

## *The Progressive*

Hot Air Sealing Machine

Model

**QHP-905**



**It's NEW**

**QHP-905 with optional devices**

- \*Upper roller temperature controller
- \*Point marker
- \*Tape feeding system

### \*Data Display

All data is recorded and visually displayed on the LCD Screen.

Date, time, tape consumption, time in use, heater activation, etc.

### \*Ease of Data Input

Machine settings are input / changed on the LC touch panel

### \*Security

Password protection – limits access to operation data. Data is protected from unauthorized access / change.

### \*Feed System

Independent drive motors drive the upper and lower rollers.

Differential feed eliminates puckering / creasing problems.

### \*Fault Finding

Self-diagnostic fault-finding system.

Faults identified on LCD with suggested solutions.

### \*Nozzle Positioning

Modified nozzle mounting and movement System. Nozzle can be positioned very accurately.

### \*Skip-Sealing

Full functional control for roller reverses turn. Prevention of "Skip-sealing"

### \*Speed Setting. (Option)

System for temporary speed reduction to assist with sealing at cross-over.

### \*Upper roller. (Option)

Heated with infrared sensor for accurate temp. control.

### \*Lower roller (Option)

Heated with infrared sensor for accurate temp. control.

### \*Post option.(Option)

Small diameter "Shoe Post" lower roller.

### \*Tape feed. (Option)

Motorized tape feed system.

To prevent tension / blocking on the reel.

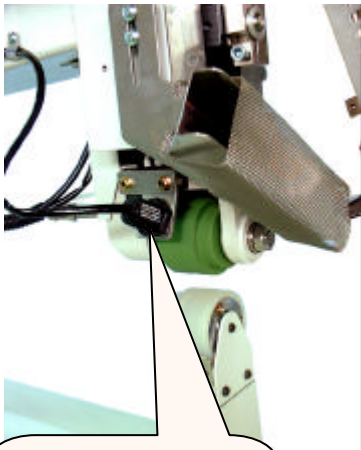
### \*Point marking device (Option)

Point mark guides tape-cut timing / seam line.

## Concept behind the development of The **QHP-905** Hot Air Tape Sealing Machine

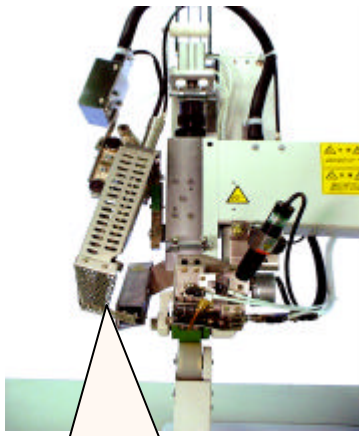
The first QHP series seam sealing machines were delivered to manufacturers in 1983 and this was the start of a success story for QUEEN LIGHT. The on-going commitment to new development is illustrated by the new QHP-905, where the valuable feedback received from existing QHP machine users throughout the world has been converted into machine reality – "**THE PROGRESSIVE**"

The concept has been to create a machine that is "User friendly" – a unit that is easy to understand, adjust and operate whilst maintaining the excellent reputation for reliability. We are confident that the new machine meets these criteria and that the new technology will provide users with significant advantages.



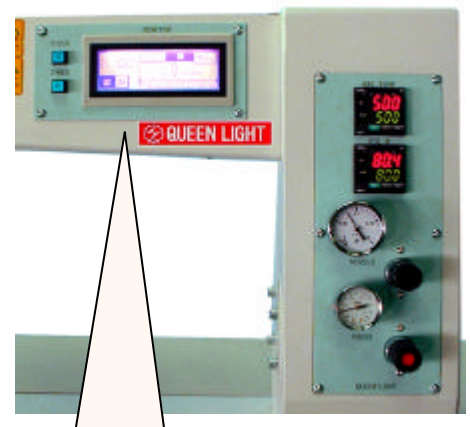
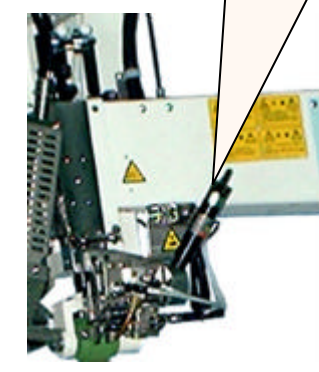
Infrared type non-contact sensor for accurate temperature control (Option)

Shoe post roller (Option)  
For small diameter Tape sealing



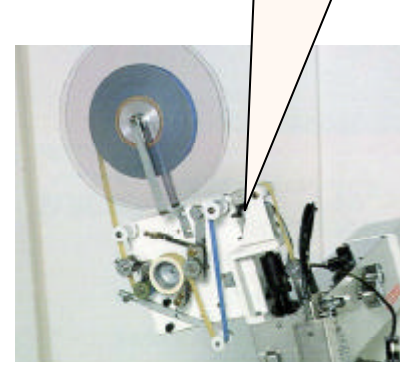
Improved mechanical design on nozzle heater mounting

Point marking device (Option)  
Point mark guides tape-cut timing / seam line.



LCD display provides easy and precise data-input and storage facility with security.

Tape feeder QHP-T5(Option) prevent tension / blocking on the reel.



Specifications

Model		QHP-905 Hot air heat sealer	
Power required	1P/200 220 240 V 50/60Hz	Power consumption	Abt. 2.3 KVA
Upper roller material	Steel with 200W heater or Silicon rubber	Lower roller material	Silicon rubber
Width	28mm or 30 mm	Width	Width 30 mm
Shape	Groove, Flat, or Cone cave	Shape	Flat
Nozzle heater	2.0 KW (200V)	Nozzle width	22mm, 24mm, or 26mm
Temperature control (Nozzle)	Automatic controller with digital indication	Temperature control (Upper roller)	Automatic controller Digital indication (Option) Pulse width modulation control for heater power.
Temperature range	Room temp. to Max. 750 C dig.		
LCD indication	Both roller differential ratio/Delay timer for anti-skipping/Tape cut timing/Consumed tape length/Content of the machine error/LCD lock /Maintenance counter	Temperature range	Room temp. to Max. 150C dig. With non-contact type temperature sensor (Effective 60 to 120 C dig.) (Option) 0-100% power supply control for heater
Air consumption	100 litter/min.	Prevention system	Power failure/Heater element/Air pressure
Drive system	Upper and Lower roller individually drive	Dimension	1300(W) x 55(D) x 1700(H)
Motor	Stepping motor		

Subjects may be changed without notes



Manufactured by  
**QUEEN LIGHT ELECTRONIC INDUSTRIES LTD.**  
576-1 Minato, Wakayama, Japan 640-8404  
Phone 8173-431-6245 Fax 8173-433-8815  
E-Mail: [info@queenlight.co.jp](mailto:info@queenlight.co.jp)  
Web site: [www.queenlight.co.jp](http://www.queenlight.co.jp)