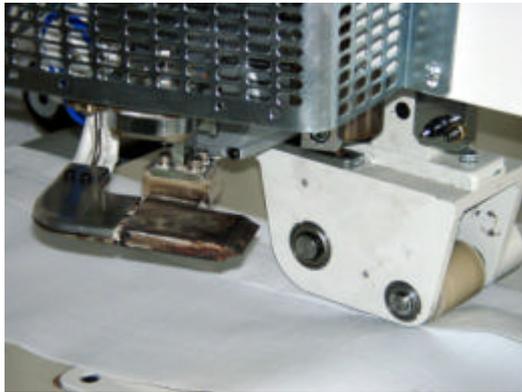




# QUEEN LIGHT

Hot wedge welder Model: **LHW-Z01**



## “ QUEEN LIGHT ” Hot wedge welder

Welds various materials such as PVC, PE, PU, PP, etc supported or non-supported (Depends on the thickness).

Any of thermoplastic materials can be welded.

Useful for Tarps, Tents, Awnings, Banners, Flags, Liners, Tubes, Curtains, Covers, etc.

### 1. High-Efficiency Temperature controller.

Digital controller controls temperature at very high level stability.

### 2. Accurate material drive system.

Materials are fed with both upper and lower roller with individually driven motor, differential roller drive is possible (Prevent puckering, Creasing).

### 3. Overlap join, Hem weld, Hem with Rope insertion weld, Butt join, etc. are available.

### 4. Special designed cartridge heater promises for a long life span.



LHW-Z01 Hot wedge welding



Hemming with rope insertion

LHW-Z1 has unique designed originally by Queen Light ' Z ' shape arm, this ' Z ' shape unique arm presents the customers who want to join or hemming wide width sheets easy and efficient work.

Both right and left side materials can join with no width limitation, any width material can put through in this machine.

Even it would be hemming work, no special experiences, techniques should request for operator.

Any of thermo-plastics can be welded easily, speedy with beautiful finish.

No gas, smoke, will create during machine running.

Material roll stand, side extension auxiliary table with puller or without puller etc. available in option.

Details on machine specifications Functions Options, ask our distributor or directly to Queen Light.

### Specifications

Welding system	Hot wedge system	Weld width	40mm (30/20mm available)
Heater	300W cartridge heater 4 Pcs.	Temperature control	Digital logical control system Fully automatic temperature controller Max. 400 degree C.
Machine speed	Max. 17m/min. Variable speed change by Inverter control	Pressure	Max. 400N at 0.5 Mpa.
Drive system	Upper / Lower both roller individually speed control. Synchronize feed / Differential feed drive is possible.		
Motion control	Delayed stop, Reverse turn stop, Variable control is possible.		
Power required	AC 3P 200/220V	Required air	More than 0.5 Mpa, 1 liter/Min.

Manufacturer

Distributor

**QUEEN LIGHT  
ELECTRONIC IND., LTD.**

640-8404 576-1 Minato, Wakayama-city, Japan

Phone :8173-431-6245 Fax :8173-433-8815

URL :<http://www.queenlight.co.jp>

E.mail :[info@queenlight.co.jp](mailto:info@queenlight.co.jp)