



KW-SG-400

The Thermal KW-SG-400 is a pouch machine, designed for high performance production of:
Three-Side Seal, Center Seal and Quad Seal Pouches

MACHINE SPECIFICATIONS

| Description | Specs |
|-----------------------|-------------------------|
| Maximum machine speed | 180 cpm |
| Material Width | 1200mm (MAX) |
| Material diameter: | 800mm(MAX) |
| Material core I.D. | 76.2 mm (3") |
| Power | 208V, 3 PHASE, 50/60 HZ |

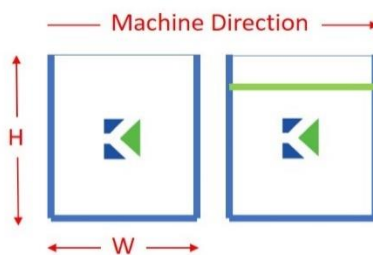
MAIN FEATURES

- Screens Interface (Keyence VT3-VT10) is easily edited or reloaded thru a CF memory card. High stability side gusset insertion system
- PLC (Keyence KV3000) is easily edited or reloaded thru a SD memory card. Angled bottom forming device for improved stability and better access
- All temperatures are controlled via PLC.
- Machine can store up to 200 preset recipes for quick changeovers.
- Built in troubleshooting assistance on the HMI- PLC input and output monitoring screens on the HMI.
- Motor driven unwind with load cell control to maintain constant tension throughout the unwind station.
- Pneumatic nips for even web tension across the film E&L edge guide system. Uses camera to track film in the unwind. Best system on the market today.
- Machine has photo sensors for 2 tension zones for precise positioning of all functions in Feed, Seal and Punch.
- 3 Servo Driven Draw Rollers for precise cut-off and tension control.
- Servo motor ramp up and down speeds can be controlled via the HMI giving the operator maximum control over the film.

POUCHES

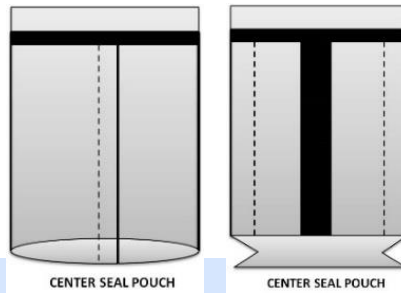
Pouches that can be manufactured on the machine:

3-side-seal pouches without zipper



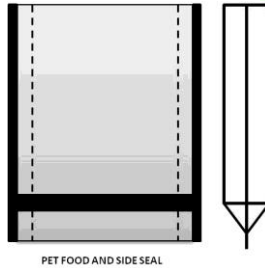
| | Metric (mm) | | Imperial (inch) | |
|---------------------------|-------------|------|-----------------|-------|
| | Min. | Max. | Min. | Max. |
| ○ Width range (W) | 80 | 300 | 3,14 | 11,81 |
| ○ Height range (H) | 100 | 400 | 3,94 | 15,74 |

Center seal pouch



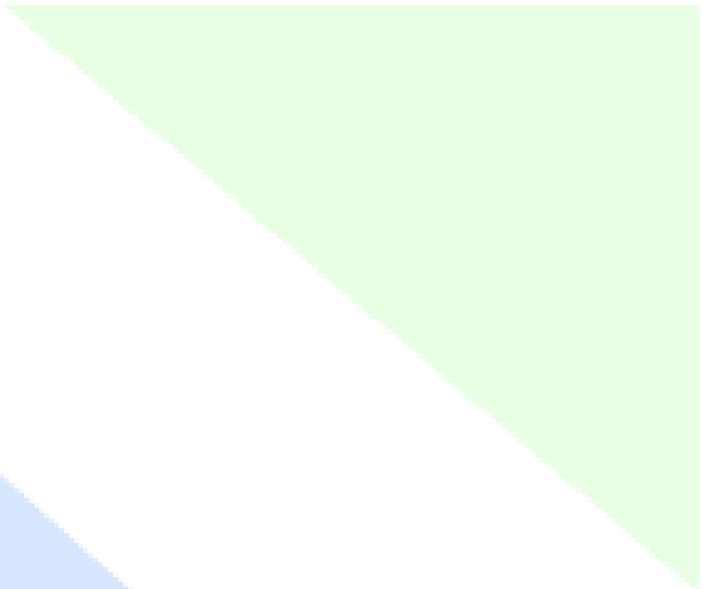
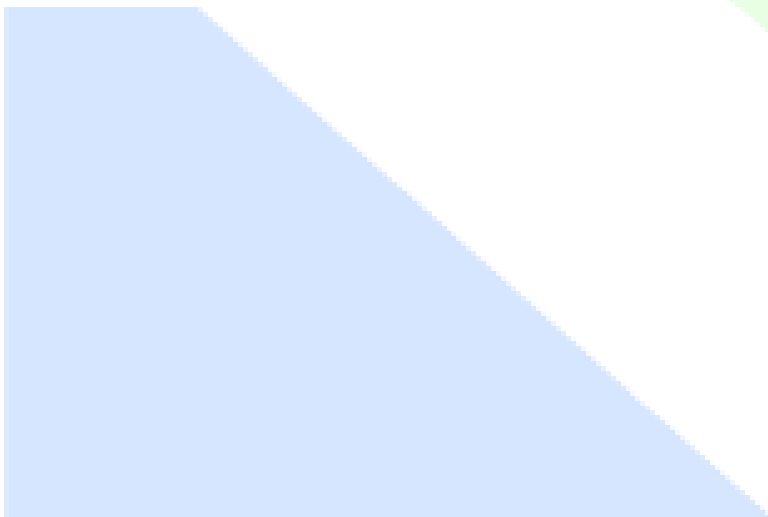
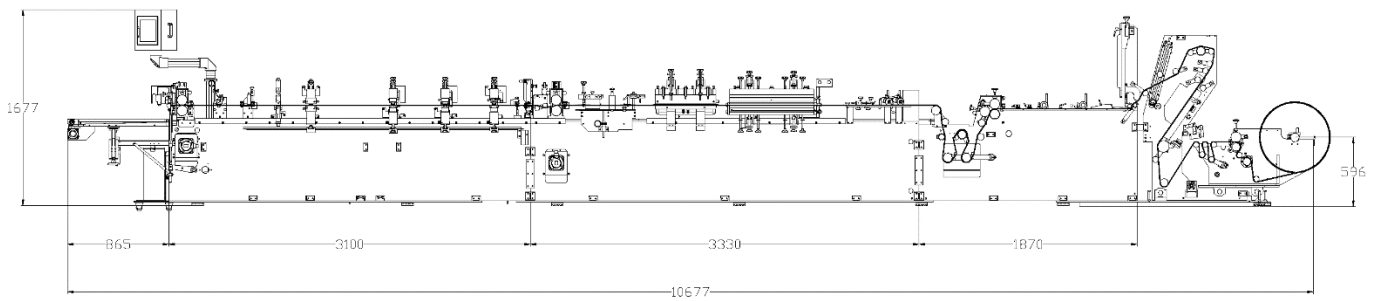
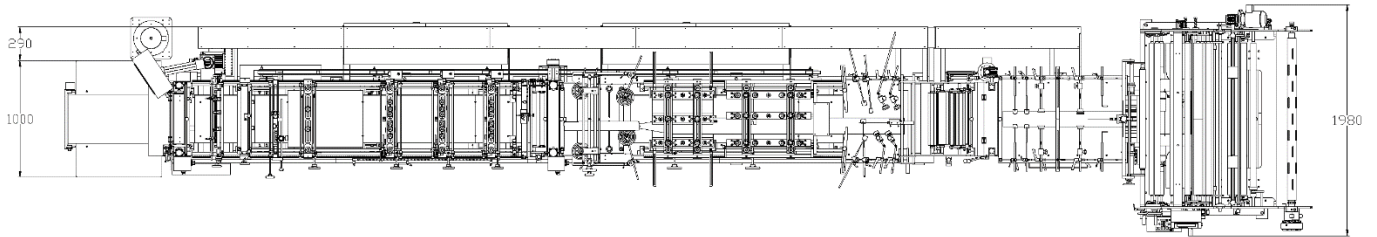
| | Metric (mm) | | Imperial (inch) | |
|-------------------------------------|-------------|------|-----------------|-------|
| | Min. | Max. | Min. | Max. |
| ○ Width range | 80 | 400 | 3,14 | 15,74 |
| ○ Length/Height range | 100 | 300 | 3,93 | 11,81 |
| ○ Side Gusset Range (Plates) | 30 | 75 | 1,18 | 2,95 |
| ○ Side Gusset Range (Wheels) | 10 | 50 | 0,39 | 1,97 |

Quad seal pouch



| | Metric (mm) | | Imperial (inch) | |
|-------------------------------------|-------------|------|-----------------|-------|
| | Min. | Max. | Min. | Max. |
| ○ Width range | 100 | 400 | 3,93 | 15,74 |
| ○ Length/Height range | 100 | 300 | 3,93 | 11,81 |
| ○ Side Gusset Range (Plates) | 30 | 75 | 1,18 | 2,95 |
| ○ Side Gusset Range (Wheels) | 10 | 50 | 0,38 | 1,97 |

LAYOUT



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