

**KWT**®

**Keep Working Technology**

**Roll-Fed Labeling Machine**

**KWT-725 OPP**



[www.kwt.com.tw](http://www.kwt.com.tw)

# KWT-725 Roll-Fed Labeling

## ■ How does KWT-725 Roll-Fed Labeler perform ?

### LABEL

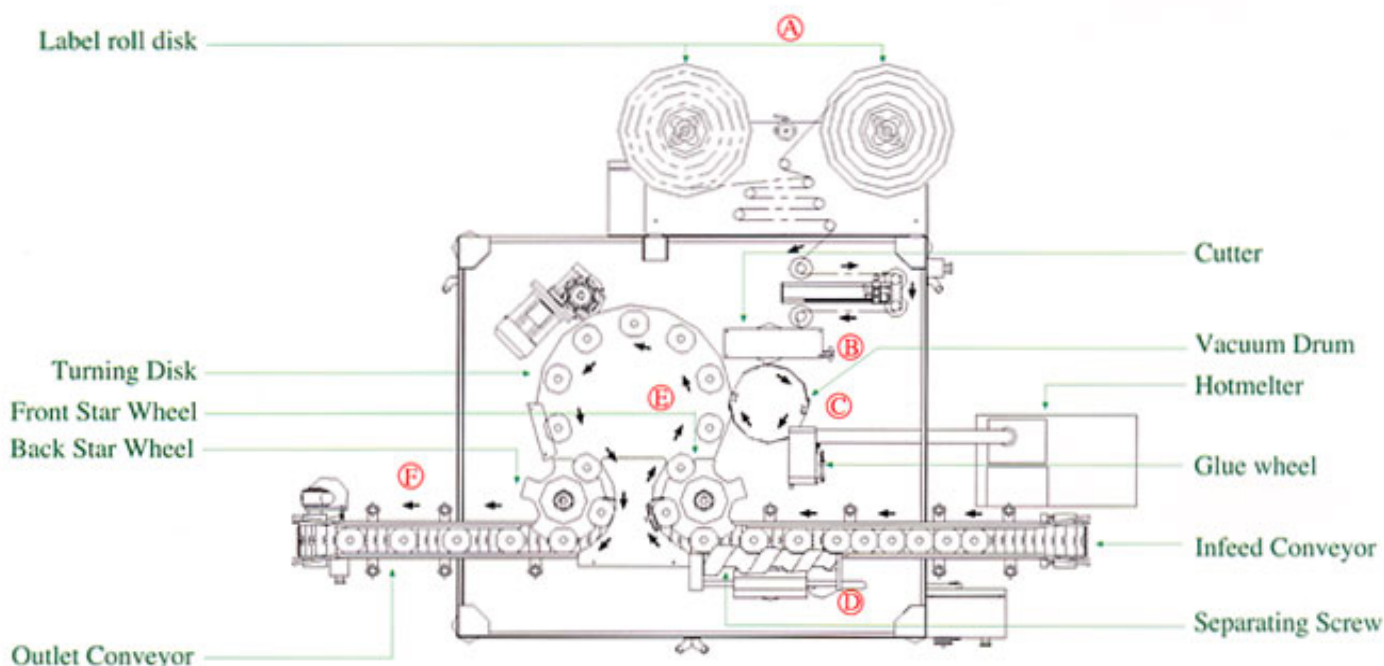
- Ⓐ Labels are fed to the labeling station from a label roll disk.
- Ⓑ Labels are cut , glued and applied to bottles by a vacuum drum.
- Ⓒ Labels are coated a strip of hotmelt at the beginning and a strip of hotmelt at the end by glue wheel.

### CONTAINER

- Ⓓ Bottles ( containers ) enter this machine at infeed conveyor and separated by separating screw.
- Ⓔ Bottles ( containers ) are delivered to vacuum drum by front star-wheel, carry the glued labels then wrap-around labels are seated exactly and perfectly by turning disk.



- Ⓕ After finishing the process of labeling, bottles are exited by outlet conveyor.





# Machine



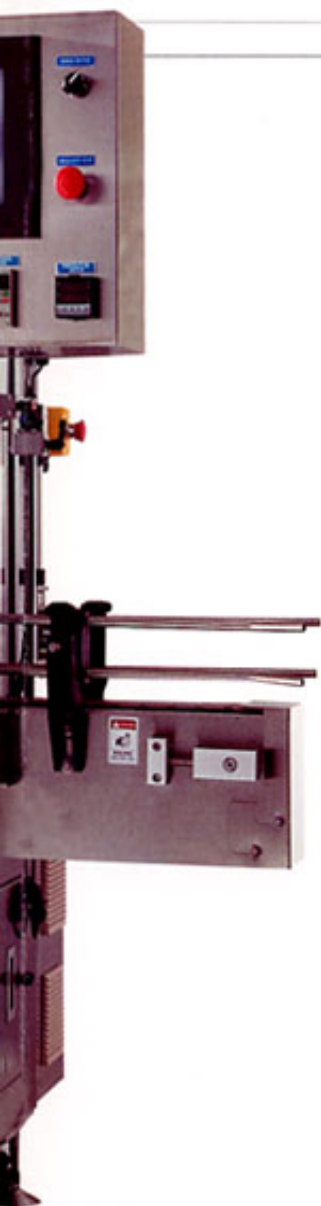
## Minimize consumption

LEBAL coated only the leading and trailing edges of the label.

*The first impression should remain the best when consumers stand face to face with your bottles on the shelf.*

*Prerequisite is quality labeling and flawless implementation of your marketing concept.*

**KWT-725** is predestine above for PET bottles. Modern technology and not a fad applying roll-fed wrap-around labels to bottle. Today, not only paper labels but also attractive plastic film labels.



■ Color touch screen



■ Double reel holder

## APPLICATION :

Suitable for mineral water, milk, soymilk, yogurt's PET, PVC, PE bottle wrap-around labeling with OPP web.

## FEATURES :

1. Machine meets CE standards.
2. Machine meets GMP standards.
3. Modular design , replace changing parts easily and swiftly.
4. Mitsubishi PLC combined with 10" color monitor human / machine interface LCD touch screen controller.
5. Machine can apply for handling round / square / hexagon containers.
6. Main construction frame made by iron inside and stainless steel outside, including water-proof protection.
7. Labeling head is driven by YASKAWA servo motor and driver ( Japan made ).
8. Nordson brand hotmelter (USA made).
9. Single straight conveyor design – saving cost and saving space.
10. Double reel holder – high performance based on virtually continuous operation.
11. Control cabinet integrated in the machine housing – Space saving design.



■ Hotmelter



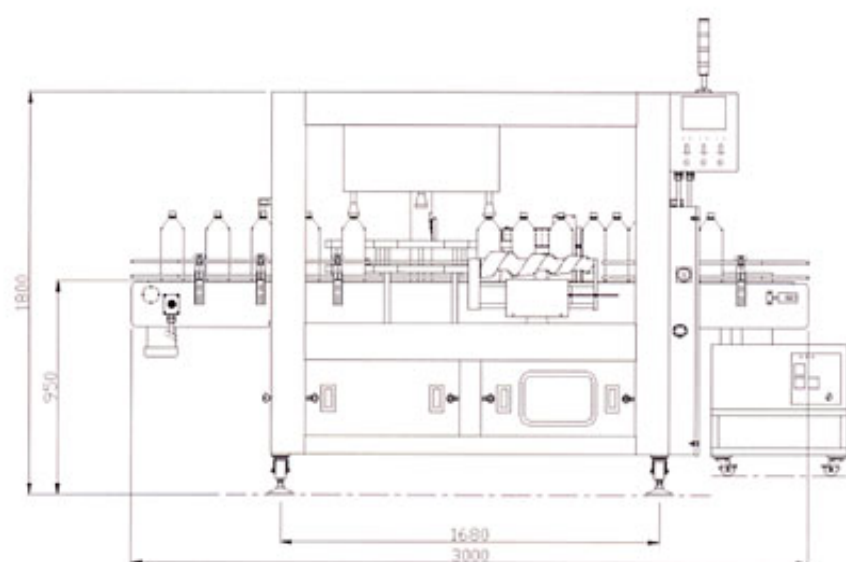
■ Separating screw & star wheel guide



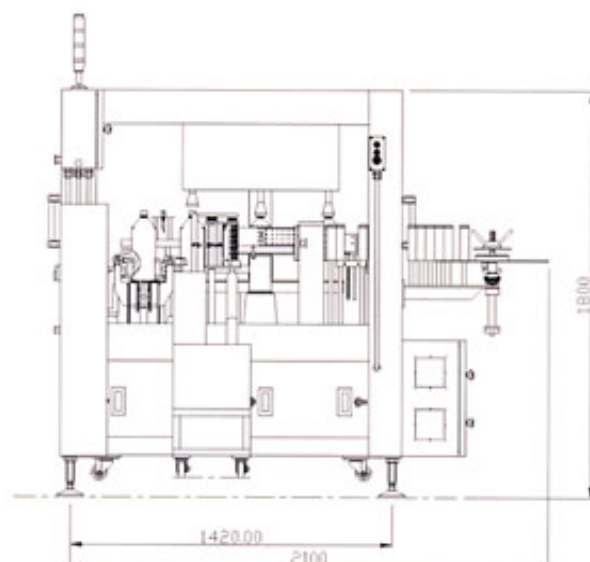
■ Vacuum drum & glue wheel



## ■ Dimension & Specification



FRONT VIEW



SIDE VIEW

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| Output Speed                     | 150 ~ 300 BPM ( Bottle Per Minute )                                                     |
| Size of Bottle (mm)              | H : 150 ~ 350 mm , ID : 50 ~ 150 mm.                                                    |
| Size of Label (mm)               | H : 30 ~ 150 mm , L : 30 ~ 350 mm.                                                      |
| Diameter of Label Roll (mm)      | 150 ~ 500 mm                                                                            |
| Accuracy (mm)                    | ± 2 mm ( Depends on bottle shape )                                                      |
| Power Supply                     | 220V , 50/60 Hz , 3 Phase.                                                              |
| Air Consumption                  | 0.4L / Min.                                                                             |
| Power Consumption                | 3.8Kw                                                                                   |
| Hotmelter & Hose                 | 5.4Kw                                                                                   |
| Ring Blower                      | 50/60Hz 1.5kw                                                                           |
| Material of Label                | OPP / Paper / Pearl Paper                                                               |
| Material of Bottle ( container ) | PE / PET / PVC                                                                          |
| Control System                   | PLC combined with LCD Touch screen.                                                     |
| Machine Dimension ( mm )         | 3000 ( L ) x 2100 ( W ) x 1800 ( H ) mm.                                                |
| Machine Weight ( kg )            | 2000kg                                                                                  |
| Change Parts                     | Product Separating Screw, Star-Wheel ( Front and Back ), Star-Wheel Guide, Vacuum Drum. |



**Keep Working Technology**

## **KWT Machine Systems Co., Ltd.**

No. 21, Taiping 21 Street, Taiping City, Taichung Hsien 41199, Taiwan

Tel: 886-4-2277 3390

Fax: 886-4-2277 3412

E-mail: [sales@kwt.com.tw](mailto:sales@kwt.com.tw)

[http:// www.kwt.com.tw](http://www.kwt.com.tw)