

We are a company which is supplying  
Liner-less Auto Labeler with the support  
of our partner company which  
produces Liner-less Labels.

## Miyakoshi

### Liner-less Labels Production Machine



Liner-less Label  
Manufacturing Machine  
MTL



Roll processing  
machine for step label

## Nishikawa Communications

### Liner-less NICO Auto Labeler



Step Labeler  
<NSL-100>

Tape Labeler <NTL-200>

Logistics Labeler  
<NL-30C>

## Nishikawa Communications develops Liner-less Labels Manufacturing Machine and Auto Labeler which works as a unit.

Miyakoshi Corporation sells machines and provide maintenance.

### Liner-less label Manufacturing Machine MTL

- The water emulsion adhesive coating is possible.  
Die cut, unit and flex unit cut selection possible.  
Flex unit part coat is also possible.
- Dryer equipment for new development adhesive drying.
- Flex unit for printing (3 units) loading.
- Die roll unit mounting (Tack label process possibility).
- Effective paper width (max 510mm), maximum path velocity (100m/min).

### Roll processing machine for step label

- Step label process possibility of roll type
- Process label size: Width 20mm~150mm : Length 35mm~150mm
- Speed: 10m/min~80m/min
- It reuses the released paper after the processing.

To know more about the liner-less  
label production device please  
feel free to contact below.

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**Nishikawa Communications Group**



# Liner-Less Labels Manufacturing Processes Examples

## TAPE Labels

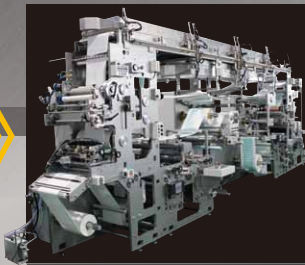


### Label Base Printing

- Offset printing
- Letter press printing
- Flex printing etc.



### Inspection



### Adhesive Coating

- Water emulsion adhesive coating
- Release agent (Silicon coating)
- Anchor agent printing
- Back reference mark printing



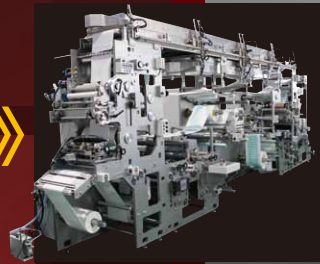
### Slitter to End product

## STEP Labels



### Label Base Printing

- Offset printing
- Letter press printing
- Flex printing etc.

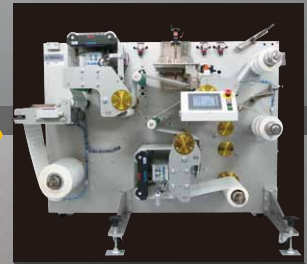


### Adhesive Coating

- Water emulsion adhesive coating
- Release agent (Silicon coating)
- Die cutting processing



### Inspection



### Step Manufacturing to End product