

Optional unit

Ink jet printing unit



Full cut label conveyor



Coming soon

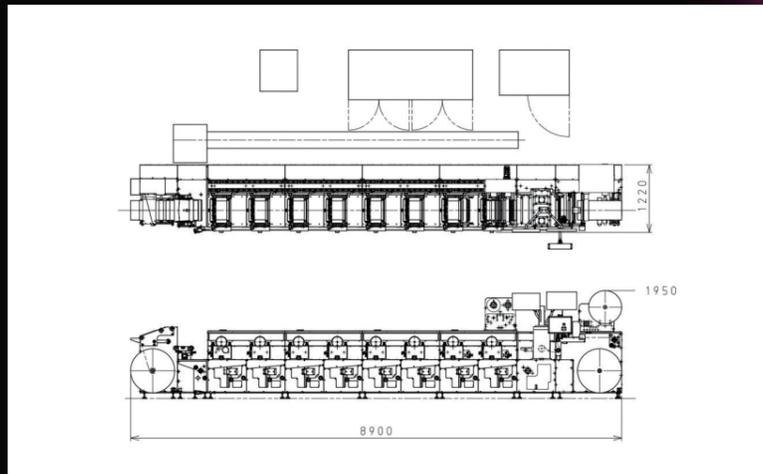
- Hot Stamp Unit
- Chill Roler Unit
- Tablet Controller
- Waterless Offset Printing Unit
- Glue side printing unit
- Screen Printing Unit



# SMW-Tzero-350

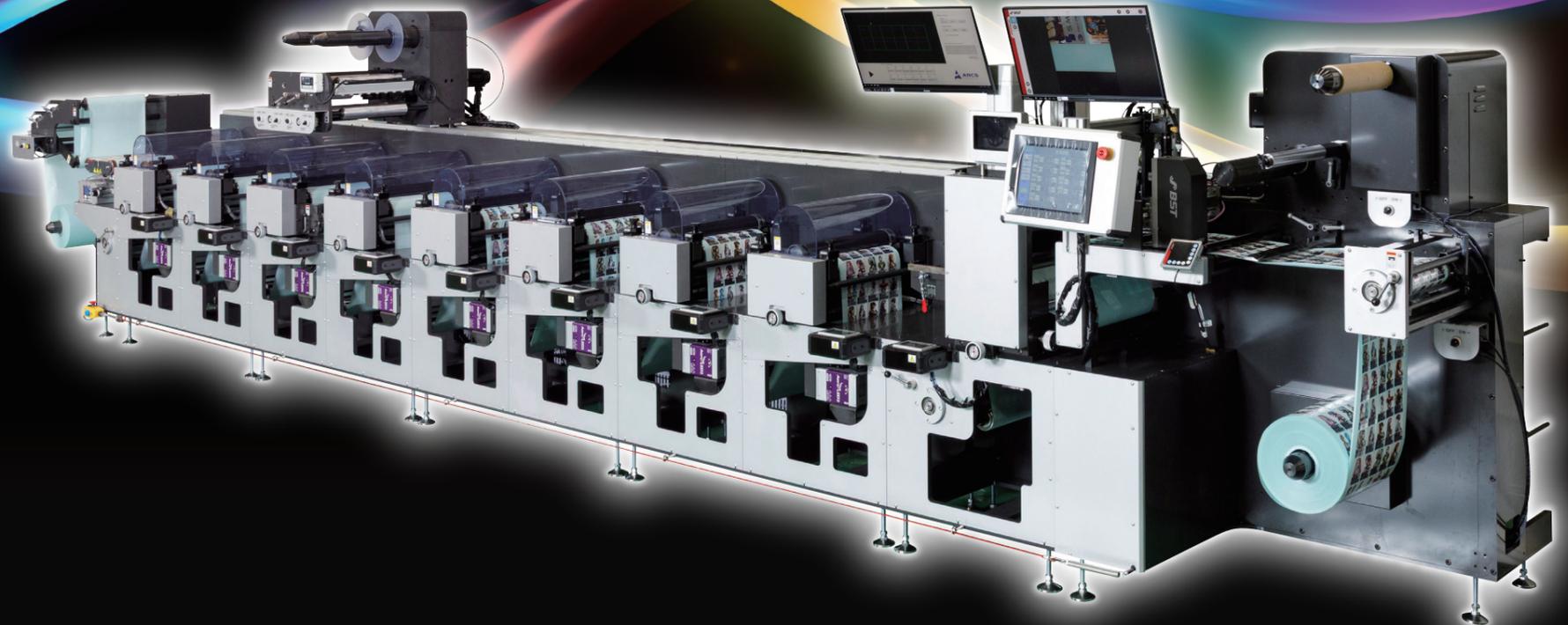
Uniquely developed Auto Register control /  
monitoring system realize  
less skilled operation and increase production efficiency

Dimensions



Main Specifications

Product	Rotary Flexographic Label Printing Press
Web Width	Maximum : 350mm (14.8") Minimum : 120mm (4.7")
Web Thickness	70-400μm
Printing Area (Maximum)	Cross Direction : Maximum 340mm (13.4") Web Direction : Maximum 635mm (25") (@T200)
Operating Speed	5-150m/min
Inching Speed	5m/min
Repeat Length	203.2 - 635mm (8-25") T64 ~ 200, 1/8 inc (3.175mm each)
Maximum Number of Colors	10 colors
Maximum Number of Die Rolls	Maximum 2 units
Roll Diameter	Maximum φ800mm
Roll Shaft	Air Shaft (3inches)





# SMW-Tzero-350

SMW's new flexographic rotary printing press, the SMW-Tzero-350, is equipped with a proprietary automatic registration adjustment and monitoring system that automates registration adjustment work, thereby reducing pre-printing preparation time.

The SMW-Tzero-350 has a basic configuration of 8 colors + rotary die cutting, with a total length of 8,900 mm. The printing speed reaches a maximum of 150 meters per minute, achieving high productivity.

Additionally, the machine is designed with a low overall height, and the cylinders for mounting plates are installed from the top of the machine, reducing the operator's workload during job changes and contributing to reduced downtime.



- Less skilled
- Increase production efficiency
- Reduce job change time
- Visualization of registration accuracy

The Automatic Register Control System (ARCS) installed on the SMW-Tzero-350 automatically moves the plate cylinder's rotation angle to the optimal position according to the print repeat length.

It analyzes the distance between the color dots added to the printing plate beforehand using camera image processing technology and automatically performs register adjustment.

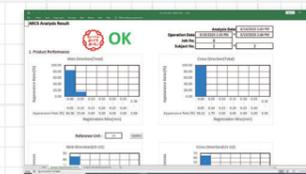
During automatic operation, it monitors for registration shifts and automatically corrects them if they occur.

This allows operators to leave the machine and perform other tasks during automatic operation, improving production efficiency.

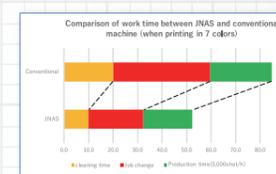
After job completion, it visualizes registration accuracy by presenting individual print results as numerical values.



ARCS unit



Displaying registration accuracy results after job



32 minutes reduction in working time per job



Repeat job calling function

The printing conditions for up to 1,000 jobs can be memorized, which greatly reduces the time it takes to set up the same printing conditions as the previous job if the job is a repeat job.



### Printing Unit

The plate cylinder can be easily changed by simply removing the cover on the top of the printing unit and inserting it.



### Cold Foil Unit

The cold foil unit is standard equipment, and the rail system allows cold foil processing on any unit depending on the job.



### Touch Panel Controller

The controller uses a 12-inch TFT color touch panel, enabling user-friendly and simple machine operation.

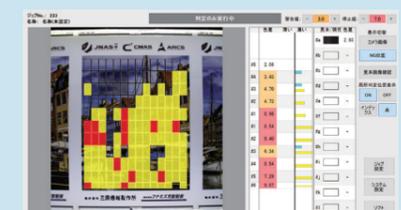
### optional units



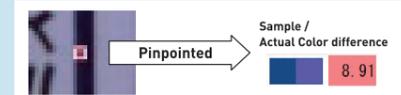
CMAS, a color monitoring and adjustment support system, displays the color difference between printed materials and proof samples on the screen by determining the lightness or darkness of each color, thereby supporting color density adjustments that were previously based on the operator's experience. It displays which colors in which parts of the printed material are light or dark, allowing workers to replace the anilox roller according to the display to produce printed materials that closely match the sample.



CMAS unit



Display of color judgment results by CMAS



The inspection area can be pinpointed. Changes in spot colors are notified.