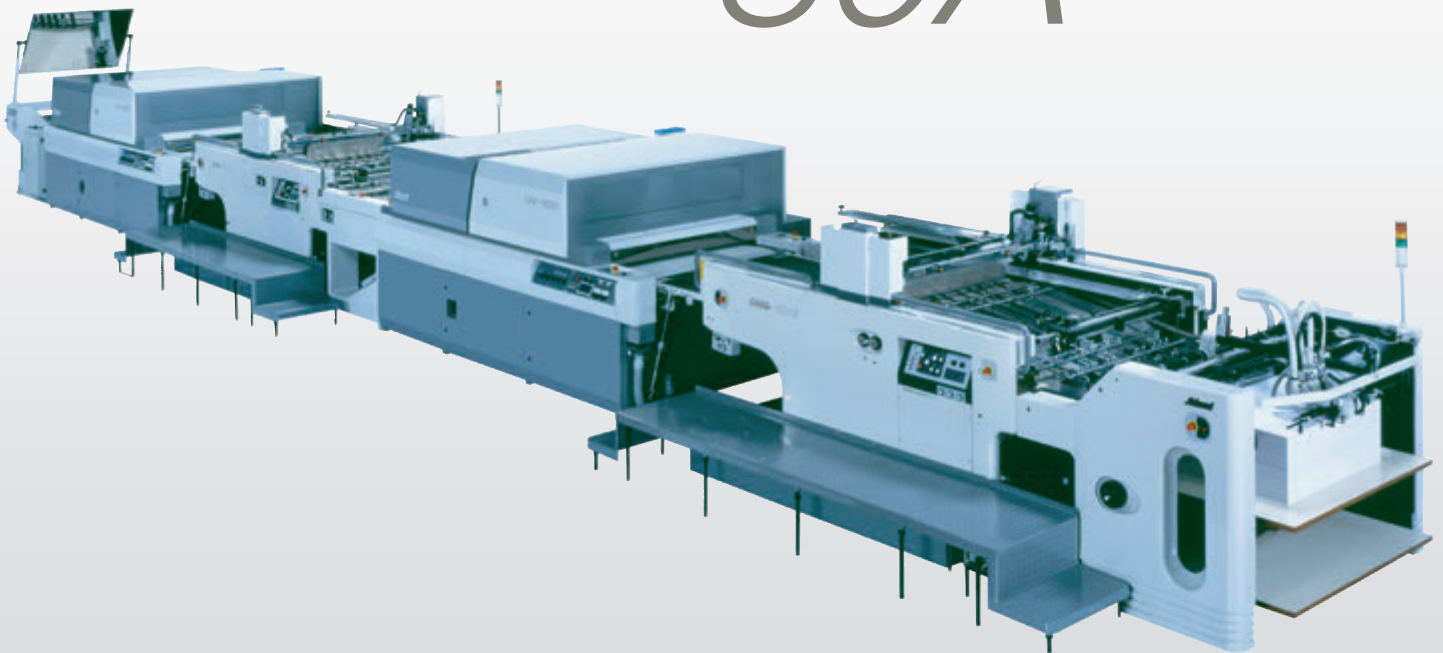


**Sakurai**

*Two color Full Automatic Stop Motion Cylinder Screen Press*  
**DOUBLE MAESTRO SERIES**  
**DMS -102AII**  
**-80A**



Multi-color screen-printing with high speed and efficient production has been required. Double Maestro Series (DMS) high speed two color full automatic stop motion cylinder have been developed based on the knowledge and technology that Sakurai has accumulated for more than 40 years in sheet fed cylinder screen presses. Max. Printing speed of 2,000 sheets per hour is performed in high precise printing. DMS consists of the 1st press, 1st UV dryer, an intermediate control station, 2nd press, 2nd UV dryer and a pile stacker. As the whole line is synchronized with PLC control, stable printing, drying and transportation of substrates are realized.

\*DMS102AII

## SPECIFICATIONS

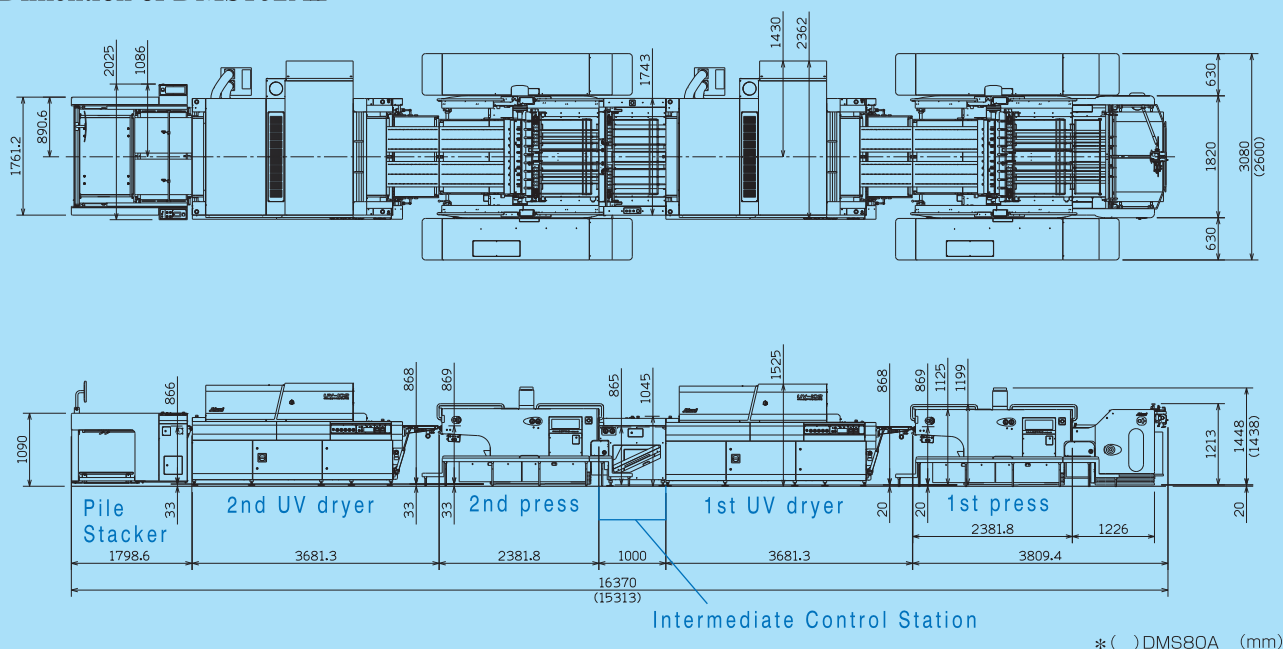
Model		DMS80A	DMS102AII
Max. substrate size (mm)		800×550 (31 5/8"×21 3/4")	1,050×750 (41 1/2"×29 5/8")
Min. substrate size (mm)		350×270 (13 7/8"×10 5/8")	560×350 (22 1/8"×13 7/8")
Printable thickness (*1) (mm)		0.1~0.8 (0.004"~0.032")	
Screen fame size (mm)		880×880 (930×880-Option) 34 5/8"×34 5/8" (36 5/8"×34 5/8"-Option)	1,300×1,170 (1,280×1,140-Option) 51 3/8"×46 1/8" (50 1/2"×45"-Option)
Printing speed (sheet/hour)		400~2,500	800~2,000
UV lamp power (W/cm)		Max 90	Max 120
UV dryer conveyor speed (m/min)		8~50	8~50
Total dimensions (L×W×H) (mm)		15,313×2,600×1,438 (50' 4 1/2"×8' 6 5/8"×4' 8 3/4")	16,370×3,080×1,525 (53' 10 1/8"×10' 1 5/8"×5' 1/4")
Total weight (kg)		9,500	14,800
Total electric power consumption (kW)		70	85

\* All spec may change depends on the model of dryer manufactures. \*1 Subject to rigidness of substrate

## MAJOR FEATURES

- Sakurai original stream feeder unit is standard. The front-pick up feeder is also available as option.
- Large and solid vacuum stop cylinder with high precision and durability
- Master screen frame can be disengaged for easy access to the plate for cleaning and adjustment.
- Squeegee pressure digital indication as option makes the numerical control possible.
- Side lay sensor and cylinder built-in front lay sensor as standard make accurate registration.
- Stable transportation of the substrate is possible because the vacuum transportation belt is applied in whole line.
- Refrigerated air ambient cooling unit as option in UV dryer prevents the surface temperature from being heated up.
- Intermediate Control Station (ICS) adjusts the position of substrate before 2nd press with timing adjustment device as standard.
- The automatic feed board of ICS as standard automatically prevents the substrates from being passed to the 2nd press when trouble happens in printing.

Dimension of DMS102AII



※ The manufacturer reserves the right to change without any prior notice, any of the following, as related to products listed in the subject catalogue. (1) Improvement of safety, performance or functions (2) Improvement of the designed quality.

Superlative products to guarantee clients satisfaction

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