

Print expression will be evolved with SAKURAI



# MAESTRO SERIES MS-110DDS

Direct servo Drive Stop cylinder screen printing press  
Max.sheet size 1,140mm×788mm

# Screen printing achieves further evolution by DDS.

Direct servo Drive Stop



## STANDARD ACCESSORIES


**Operating panel**

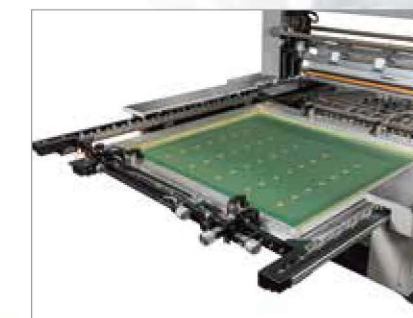
Operator friendly touch panel can control printing conditions numerically.


**Registration**

Pull or push side register system can be selected by one touch operation depend on the substrate thickness.


**Delivery board lowering device**

Delivery board can be lowered by 90 degrees to allow easy access to the screen mesh cleaning and squeegee/doctor fixing and unfixing.


**Screen frame pull-out**

Screen frame can be unlocked and pulled out to the delivery end of the press so that sheet travel condition can be checked, readjusting and corrected.


**Print elongation system**

Print elongation system can adjust the synchronization of cylinder and master frame movement. It can adjust print length to correct mismatching the image.


**Mortorized squeegee pressure control system**

Automatically set the zero position of squeegee pressure and control the squeegee pressure numerically with high accuracy.

## OPTIONAL ACCESSORIES


**Smart cover**

Upper smart cover provide safety operation and VOC exhausting. It improve work environment.


**CCD camera alignment system**

CCD camera check the alignment mark which printed on the sheet instead on the sheet edge.

The best to print for large size thinner film substrates with imposed images.

Max.sheet size 1,140mm×788mm

DDS achieve Gear-less drive by applying the direct servo drive system. Repeatability and maintainability are improved. Based on our cylinder screen techniques, DDS acquire high durability that can also handle the thin substrate, operability and safety. DDS has accurate printing condition control system and adjustment functions, it will work effectively for multiple imposition printing of large sheet.



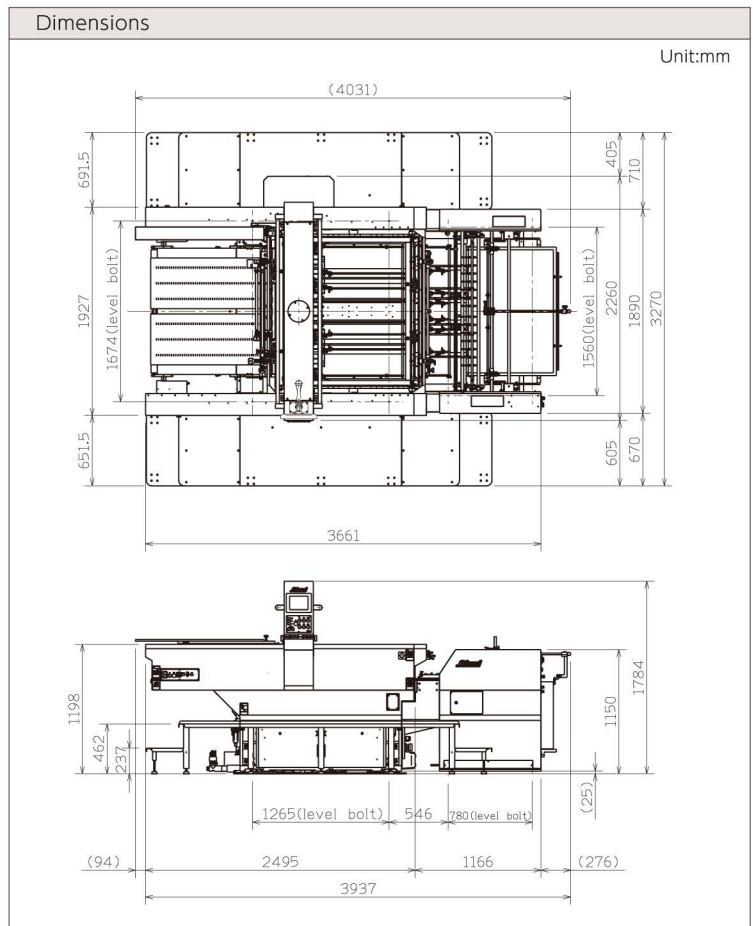
MAESTRO SERIES MS-110DDS Optional smart cover is fitted

SPECIFICATIONS		
Max. sheet size (W X L)	mm	1,140 X 788
Min. sheet size (W X L)	mm	420 X 297
Max. print size (W X L)	mm	1,090 X 766
Max. frame size (W X L)	mm	1,340 X 1,206
Printing speed	IPH	200 ~ 2,000
Sheet thickness (*)	mm	0.075~0.8 (*1)

(\*1) It changes due to the material and printing conditions.

STANDARD ACCESSORIES	
·Front pick up feeder (with belt speed slow down)	
·Pneumatic screen frame lock	
·LCD touch panel for operation	
·Squeegee pressure digital indication	
·Print elongation corrector	
·Delivery board lowering	
·Quick clamp squeegee section	
·Quick clamp flood coater bar	
·Cylinder built-in front lay sensors	
·Swing squeegee	
·Preset sheet counter	
·Screen frame positioning remote control	

OPTIONAL ACCESSORIES	
·Techniclean rollers	
·Anti-static elimination devices	
·Ultra-sonic double sheet detector	
·Cross over stand	
·CCD camera alignment system	
·Smart cover	



※The information on this catalogue contains patented technology and under patent filings.

※The manufacturer reserves the right to change without any prior notice, any of the followings as related to products listed in the subject catalogue.

(1) Improvement in safety, performance or functions. (2) Improvement in designed quality.

※The denoted speeds are indicative of the mechanically possible performance. Printing speeds are subject to variation according to the plates and substrates to be used.

※Photographs appearing in this catalogue include some optional equipment.

※The specifications given are as of April, 2018 and are subject to further change for improvement together with the content of the photographs.

**Superlative products to guarantee clients satisfaction**



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