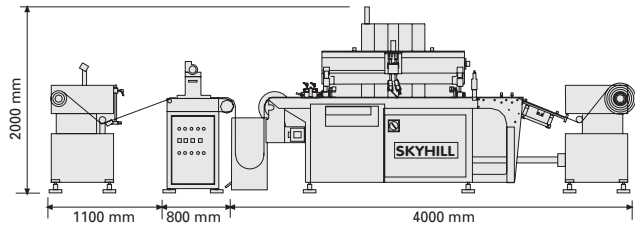


MT-5070  
MT-5070 With Contact  
Tower Dryer Dimensional  
Drawing



MT-5070  
MT-5070 With UV Curing  
Machine Dimensional  
Drawing

**SPECIFICATIONS:**

MODEL	MT-5070
Max. printing area	500 x 700 mm
Max. size of screen frame	800 x 1100 mm
Mini. size of screen frame	800 x 500 mm
Max. material diameter	Ø500 mm
Unwinder core diameter	Ø75 mm
Max. rewinding diameter	Ø500 mm
Winder core diameter	Ø75 mm
Printing speed	600 m/hr
Travel	800 mm
Thickness of material	0.025 - 0.5 mm
Positioning accuracy	± 0.03mm
Squeegee drive motor (servo)	0.6 kw
Take up drive motor (servo)	0.5 kw
Winding motor	1 HP
Unwinding motor	1 HP
Platen vacuum motor	1 HP
Take up roller vacuum motor	1/4 HP
Air compressor motor	2 HP
Working air pressure	5-7 kg/cm <sup>2</sup>
Machine dimensions Weight / Dimensions	1350 KGS / L3430 x W1300 x H2000 (mm)
Feeder Weight / Dimensions	350 KGS / L630 x W1170 x H1050 (mm)
Winder Weight / Dimensions	350 KGS / L700 x W1170 x H1400 (mm)
Rewinder Weight / Dimensions	450 KGS / L660 x W1100 x H1050 (mm)

\* All specifications and designs are subject to change without prior

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A Single Source for All Screen Printing Needs.

**SKYHILL**

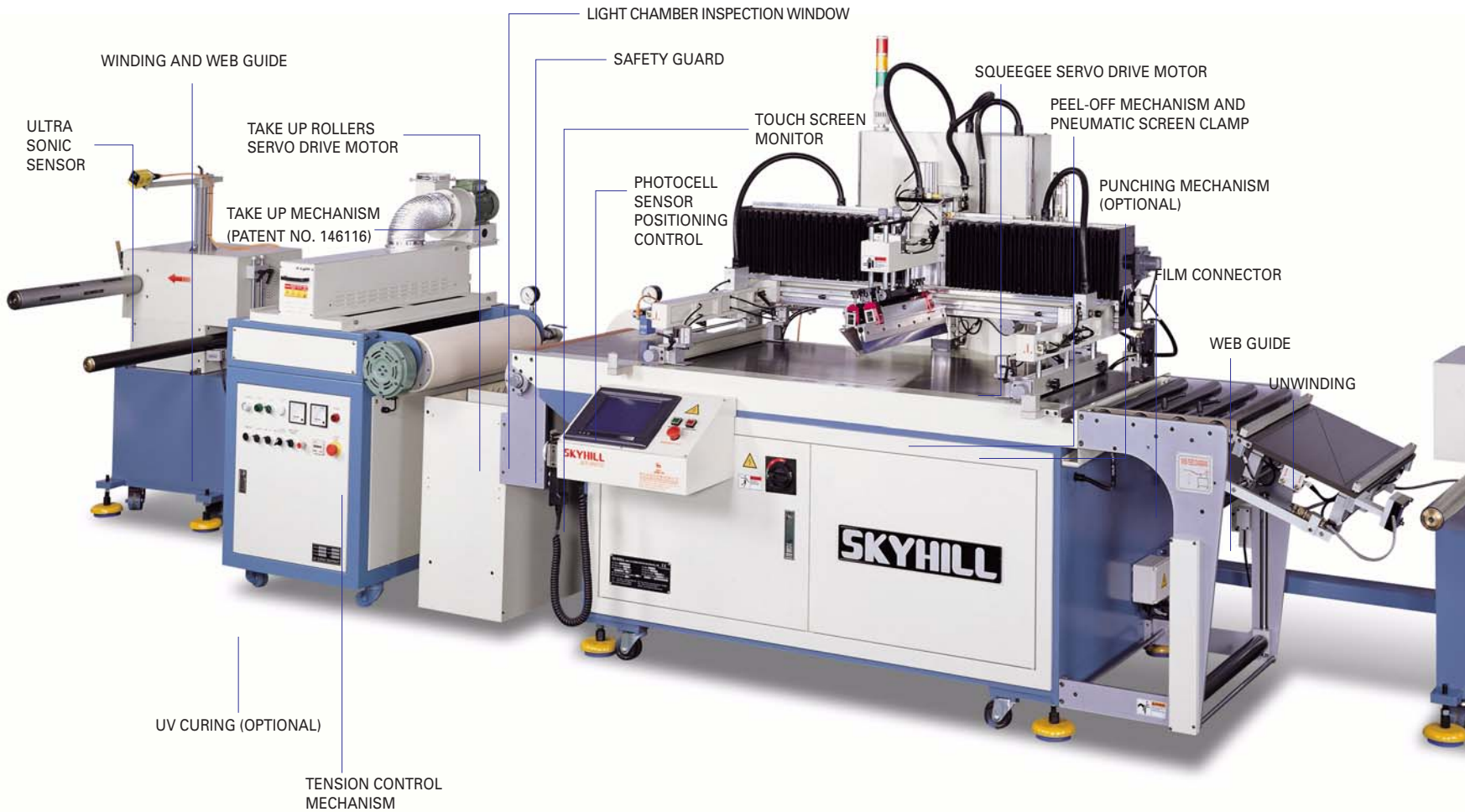
**ROLL TO ROLL WEB - FED  
SCREEN PRINTING MACHINE**



MT-5070

ISO 9002  
rtv  
CE

# High Precision, Full Function, In One State-of-the-Art Machine. SKYHILL Roll to Roll Web-Fed Screen Printing Machine



## ROLL TO ROLL WEB - FED SCREEN PRINTING MACHINE

### FEATURES:

- User-friendly PC based control combined with touch screen monitor for maximum operation convenience.
- Longitudinal and latitudinal lines are driven by servo and stepping motor, automatically controlled and compensated by the computer to ensure automatic printing position.
- The printing head is raised vertically for convenient access to screen and squeegee.
- Vacuum suction table for efficient workpiece fixing, with blow back function.
- The squeegee mechanism has a pressure stabilizer ensuring constant pressure at all times.
- Automatic tension control.
- Aluminum alloy machine frame ensures high stability and no deformation.
- CE safety guard around the machine provides extra safety for the operator and machine.
- Winding and unwinding are through air shaft to prevent slippage, and includes advanced web guide for precision and neatness.
- The take up roller features vacuum suction, ensuring smooth film surface and proper film tension at all times.
- Winding mechanism utilizes advanced sonar sensor for accurately sensing transparent and non-transparent film.
- Precision linear motion guides are provided on vertical and horizontal slideways for extremely smooth and stable traverse.
- The winder is equipped with an ultra sonic sensor. When the film roll diameter increases to some degree, winding speed will slow down automatically to ensure a smooth edge of film roll.
- Two types of drying device available: contact tower dryer and UV curing machine. (Optional)
- Punching device. (Optional)

## Applications

This is a specially-designed web-fed screen printing machine for flexible stock, both transparent or non-transparent, in rolls such as: diffuser, FPC paper, transfer paper, stickers, OPP, PVC, mylar, PC, PET, plastic leather, aluminum foil and so on. These can be used for the following products:

1. Heat transfers.
2. Specialized labels for UL/CSA, wine and liquor bottles, cosmetics and shampoo bottles, as well as Industrial, Toy, Automotive, Compact Disc and Video products.
3. Electronics - Diffusers, flexible circuits and membrane switches etc.
4. Nameplates and graphic overlays.