ATMA · TAIWAN

ATMA ATMALINE RR5060/S

PRINTERS / ROLL-TO-ROLL PRINTERS / IN-LINE



OVERVIEW

Global population of diabetic is growing gradually year by year, in this huge market and is actively promoted by government of every country, research and improvement of biochemical technology becomes main direction of every country development.

BRAND	ATMA
COUNTRY	Taiwan
MODEL	ATMALINE RR5060/S
SERIES	ATMALINE
CATEGORY	Printers
TYPE	Roll-to-roll printers
OPERATION	In-line

01 SPECIFICATIONS

Model	ATMALINE RR5060/S
Max printing area	500 x 600mm
Min printing area	350 x 400mm
Power source	3ph, 220/380V, 50/60Hz
Machine weight	AT-RR5060/S (1,660kg); AT-TIO5050 (five sections) (2,424kg); AT-RW5060 (500kg); Entire line total weight 4584kg
Workflow direction	Left-in Right-out (optional Right-in Left-out)
Drying energy	Hot air + IR 80 ~ 120°C ±3%
Substrate Spec	Thickness 0.05 ~ 0.25mm; Coil Width 350 ~ 520mm; Printing Length 400 ~ 600mm; Coil Diameter Maximum Ø550mm; Coil Weight Maximum 80kg
Pulling Material Speed	30 ~ 300
Throughput Speed (Full Speed Full Stroke)	15P/min (1020P/H)
Working Height	1000 + 30mm
Single Section of Heating Length / Sectioned	1m / 5 sections (optional adding extra section)
Entire Line Power Consumption	86kw
Compressed Air Pressure Source	6 ~ 7kg/cm²
Entire Line Air Exhaustion	64L/min.
Entire Line Dimension	1829 (D) x 12840 (L) x 2000 (H) mm

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.

02 FEATURES

- Servo control tension: conveyor is driven by servo power rolling to work with structural EPC, tension control is adopted self-development vertical servo tension control
- Equalized control: printing head carriage is adopted equalized pressure control: squeegee / flood coater digital equalizing pressure system control, enable to preset digital pressure on HMI (3~62 kgf)
- Leveling high accuracy: table is made of thick Aluminum alloyed plate with precise machining process and hard anodizing treatment, prevent scratching, table leveling precision attains ±0.02mm
- Winding and unwinding units use quick change-over inflation shafts to hold the material coil
- Servo motors drive the material transport and keep web tension constant
- Sensor-controlled edge alignment for the highest accuracy

03 APPLICATIONS

PCB fully automatic screen printing line | Biomedical screen printing machine for healthcare | Textile transfers | Labels | Printed electronics

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