



Converting
Tymi Group

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- Manufacturing :
 - UV Coating Machine
 - OPP-Laminating
 - Calendaring Machine
 - Flute-Laminating
 - Semi-auto Folder Gluer
 - Laminator & Casemaker
 - Flexo Printer Slotter
- OEM. & Represent related machine
 - Automatic Folder Gluer
 - Auto Die Cutting Machine
 - Folding Machine
 - Silk Screen Machine

USTAR-36



U.V Spot Coating Machine

TYMI *Ustar* series spot U.V. coating system is introduced to replace the traditional silk-screen printing method for spot U.V. coating. It enhances production speed and adopts less expensive U.V. resin of lower cost. By combining the construction of offset printing press and roller coating technology, the *Ustar* Series is a versatile U.V. system capable for both spot and full sheet coating.

USTAR-36 FEATURES:

- Accurate spot coating registration for eye-catching effect.
- Equipped with large format impression cylinder for fine coating.
- Easy change over for various substrate thickness (80-600 gsm).
- Ergonomic and user friendly design.
- Robust construction with automatic lubrication system.
- Machine meets all current security and safety standards, with warning signals and safety devices.
- Space saving, high productivity and low power consumption.

1 STREAM FEEDER

- Feeder suction head with maintenance free rotary valve requires no lubricant or oil.
- The feeder can be adjusted while running.
- Micro-adjustment to front and side lays, ensuring accurate registration and control.
- Double sheet detector to avoid miss-feed or over-run.

2 MULTI-FUNCTION COATING MECHANISM

- Gripper chain delivery system for precise substrate control and stable transferring.
- Automatic pneumatic cylinder on/off control.
- Easy access to change plate or blanket with convenient cylinder position.
- Suitable for spot and full coating with photopolymer plate or rubber blanket as coating media.
- Equipped with ceramic anilox coating roller for more even application.

3 HOT AIR DRYING UNIT (Option for water-base coating)

- Circulated air flow design, air pressure equally onto coating surface.
- Good for UV coating flow-out, reduce orange-peel.

4 U.V. CURING UNIT

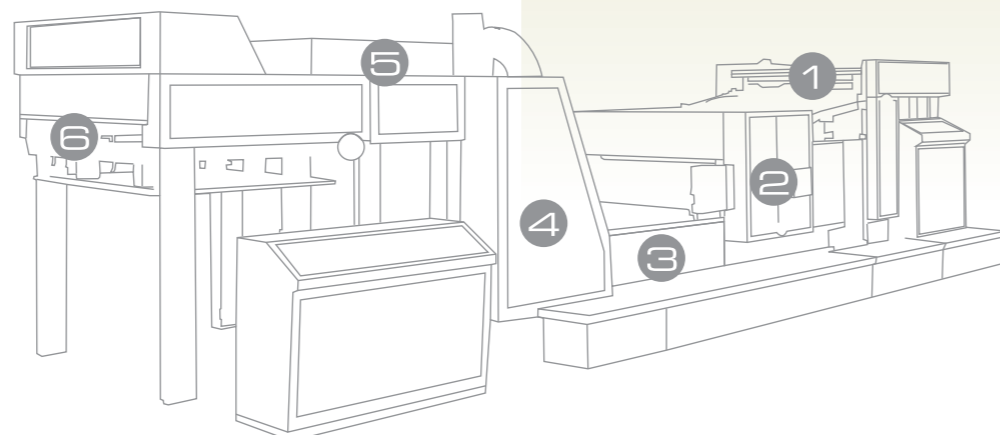
- Three U.V. lamps.
- Precise radiators.
- Reliable electronic control.
- Effective cooling & ventilation system.
- Automatic temperature control and emergency stop
- With half power and full power features, allowing for faster start up.

5 I.R. DRYING UNIT (Option for water-base coating)

- With mid-wave I.R. quartz lamps & heaters to enhance drying effect.

6 DELIVERY UNIT

- Automatic gripper chain delivery for smooth paper transfer.
- Equipped with cooling and exhausting system for safety operation.



Model: USTAR-36 (for water base)

Dimension in mm

Technical specifications:	Ustar-36	Ustar-40
Max. sheet size	800 X 1100 mm	920 X 1280 mm
Min. sheet size	310 X 406 mm	310 X 406 mm
Coating area	790 X 1090 mm	910 X 1270 mm
Paper thickness	80 ~ 600 gsm	80 ~ 600 gsm
Machine speed	Up to 4500 sheets / hour	Up to 4500 sheets / hour
Dimension (L×W×H)	8395 X 2840 X 2010 mm(WB) 7735 X 2840 X 2010 mm(UV)	8395 X 3021 X 2010 mm(WB) 7735 X 3021 X 2010 mm(UV)
Total weights	7000(WB) / 6500(UV) kg	7500(WB) / 7000(UV) kg
Total power required	64.3(WB) / 40.3(UV) kw	68.9(WB) / 44.9(UV) kw
Power of U.V lamps	30 kw (10kw 3pcs.)	33 kw (11kw 3pcs.)

Standard equipment: <input type="checkbox"/> Stream feeder. <input type="checkbox"/> U.V coater system. <input type="checkbox"/> U.V 3-lamps curing equipment. <input type="checkbox"/> Delivery.	Optional equipment: <input type="checkbox"/> Pre-loading feeder device. <input type="checkbox"/> Non-stop feeder / delivery devices. <input type="checkbox"/> Cooling Air condition. <input type="checkbox"/> 660 mm-Travel curing extension. <input type="checkbox"/> Water base coating and drying device.	<input type="checkbox"/> Photopolymer plate making processor.
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Subject to change without notice.