



Converting  
Tymi Group

www.tymimachinery.com

- Manufacturing :
  - UV Coating Machine
  - UV Lamination
  - Coating Machine
  - Plate Coating
  - Roll-to-roll Coating Machine
  - Coating Machine
  - UV Coating Machine
- Service :
  - Automatic Feeder System
  - Auto Line Coating Machine
  - Coating Machine
  - UV Coating Machine



## Calendering Machine

In addition to the VENUS series, TYMI machinery has developed the COMET series calendering machine which is robust in construction and yet versatile in design. Both series can be integrated together with automatic feeder and delivery unit to become a Glossline system which can perform in-line calendering.

TYMI's Calendering Machine (Comet series) should work together with the Coating Machine (Venus series). PVA calendering varnish was coated on sheets via Coating Machine, then sheets with PVA are melted by heat and pressure of heated plate of calendering machine. The design of COMET calendering machine emphasizes the heating performance on supplying proper heating energy and pressure to reach high gloss.

### COMET-126 FEATURES:

- Frame structure and impression cylinder are firm and steady.
- Heater thermostatic control, safety design.
- Optional gas heating system, electronic ignition system.
- Hydraulic press device for pressure evenly.

## COMET-126

### 1 >> STREAM FEEDER

- Feeder suction head with maintenance free rotary valve requires no lubricant or oil.
- The feeder can be adjusted while running.
- Double sheet detector.
- Variable speed for adjustment to different kinds of sheet.
- Braking system for motor drive to minimize paper wastage.

### 2 >> CALENDERING UNIT

- Consist of chromed calendering cylinder, pressure cylinder and calendering belt.
- Counter pressure cylinder is coated with special hardened synthetic rubber to stand high Pressure.
- Sturdily constructed calendering cylinder to stand pressure up to 250 kg/cm<sup>2</sup>.
- Precise thermostatic control to maintain constant temperature.

### 3 >> HEATED CONVEYOR

- Endless stainless steel conveyor belt.

- Electronic photo-cell for safe-guard.

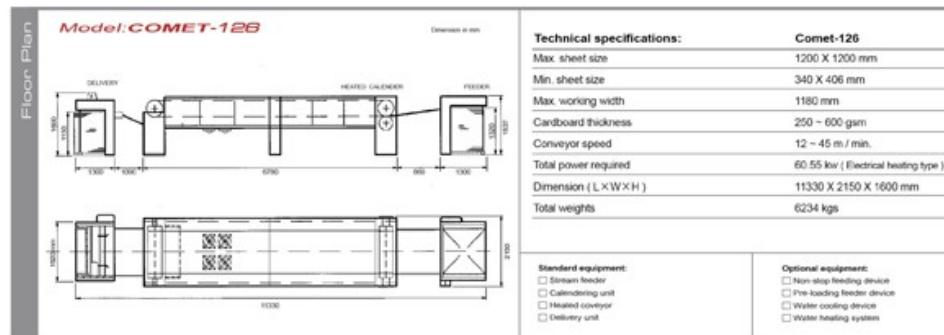
- Cooling fan system.

### 4 >> WATER-COOLING DEVICE (OPTIONAL)

- Direct water cooling system equipped at the end of conveyor belt to eliminate cracking of paper surface.
- Moistening roller with cotton for even distribution of water on paper surface.
- Extended conveying system with independent driving to follow separating speed of sheets from calendering belt.

### 5 >> DELIVERY UNIT

- Pneumatic sheet jogging device knocking up both sides of sheet and photo-electric cell controlled.
- Equipped with sheet counter.
- Automatic pile raising and lowering.
- High speed sheet guiding system ensure jogging effect, also adjustable and simple at operation.





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- Manufacturing
  - UV Coating Machine
  - UV Laminating Machine
  - UV Printing Machine
  - UV Drying Machine
  - UV Curing Machine
  - UV Inkjet Printing Machine
  - UV Laser Cutting Machine
  - UV Laser Engraving Machine
  - UV Laser Marking Machine
  - UV Laser Cutting Machine
  - UV Laser Engraving Machine
  - UV Laser Marking Machine
- Other
  - Automatic Paper Cutter
  - Auto Die Cutting Machine
  - Printing Machine
  - UV Printing Machine

## OCTANS-126X



### OCTANS-126X FEATURES:

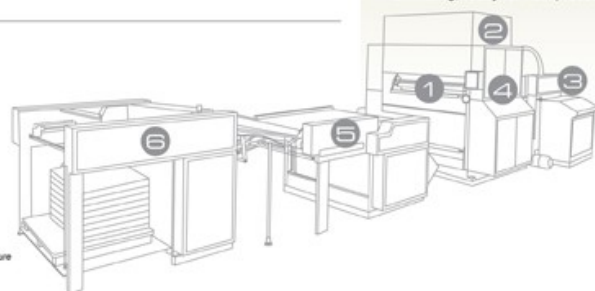
- Vertical and compact structure required smaller space than horizontal type.
- Main unit contains coating, drying and laminating system for easy operation.
- Unique functional design with powerful drying unit.
- Registration tolerance of lamination with  $\pm 0.5$ mm.
- Cast iron frame (thickness 60mm) for firm stability even in high speed.
- Electrical PLC system and single electronic control cabinet for easy maintenance.
- With big diameter (800mm) heating cylinder for longer drying and lamination time to ensure fine lamination with good quality.
- Air pneumatic shaft device, easy and quick to change and adjust of BOPP film.
- Electrical tension control device and curved roller make film tensed and wrinkle-free.
- Proportional simultaneous driving system, easy for one man operation.
- Short change over time and no waiting after laminating, ready for next process.

## Film Laminating Machine

OCTANS-126X Laminating...

OPP lamination is widely used on books, posters, boxes, hand bag... etc nowadays. solvent-based lamination machines are replaced by water-based ones gradually for the sake of environmental consciousness.

Tymi's new opp lamination machine, Octans-126X intergrades the latest technologies and is designed as Three-in-one model for water-base & solvent-base dry type lamination and Pre-coated/thermal lamination usages. Besides, high speed lamination (50m/min) and low power cost are also concerned for all users' needs.



### 1 COATING UNIT (on film)

- Precision chromed chromic coating and metering rollers to ensure even glue application.
- Independent drive for coater with micro speed adjustment.
- Continuous circulation of adhesive with submersible pump to maintain constant viscosity.
- Electric gluing system for easy operation

### 2 DRYING SYSTEM (for film)

- Vertical drying box design with short distance for stable film traveling without displacement.
- With thermostat control to ensure precise drying temperature.
- Hot air system allowing for efficient drying of adhesive at high speed.

### 3 STREAM FEEDER (for paper)

- Allow for Variable speed changing for different kind of paper.
- Braking system without Inertia to minimize paper wastage.
- Feeder suction head with maintenance free rotary valve requires no lubricant or oil.
- Double sheet detector.

### 4 LAMINATING UNIT (film to paper)

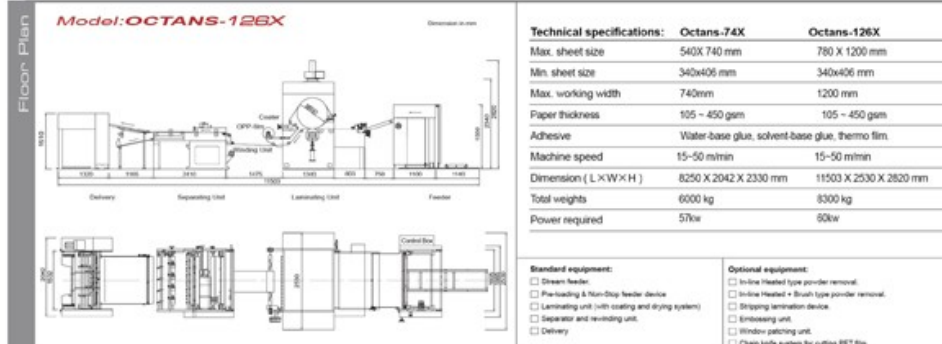
- Chromed lamination cylinder with built-in hot oil circulation system and temperature controller to make temperature stable and even.
- Big diameter lamination cylinder designed with better lamination result.
- Hand-rod style oil pressure control makes roller pressure even.
- Hardened pressure cylinder coated with special synthetic rubber.
- With tension controller to ensure film a stable tension.

### 5 SEPARATOR & REWINDING UNIT

- 4 knife rotary cutter set with micro adjustment control, easy to operate.
- Joined system for auto speed changing follows with laminating speed.
- Rewinding device can be continuous rewinding with fixed pull.

### 6 DELIVERY UNIT

- Equip with sheet counter
- Pneumatic sheet jogging device knocking up both sides of sheet and photo-electric cell controlled.
- Conveyor table with suction belt.
- Double leveled belt guiding device, suitable for thin paper conveyance.



Subject to change without notice.





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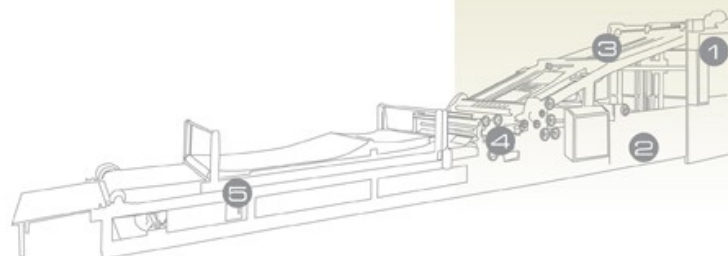


#### LODESTAR SERIES FEATURES :

- The machine is user friendly with excellent ergonomics, consisting of a robust construction, allowing for continuous high-speed operation.
- Accuracy with tolerances within  $\pm 1.5$  mm (1/16 inch).
- Also suitable for laminating cardboard to 4 ply corrugated board (max. thickness up to 7mm).

### Flute Laminating Machine

The **LODESTAR** series of laminating and mounting machines is specially designed for flute packaging, point of purchase, and display mounting. Adopting the flexibility of offset printing to enable laminating and mounting of the printed sheet to corrugated or solid fiberboard, to produce eye-catching graphics, also providing a strong and sturdy product. The equipment can be used on laminating and mounting board to single flute corrugated, or board-to-board.



- Mainstreaming /
- UV Coating Machine
- OPP Laminating
- Coextrusion Machine
- Paper Laminating
- Semi-auto Feeder Unit
- Laminator & Coextrusion
- Paper Press Mounter
- Other &
- Photocopy related machine
- Automatic Feeder Unit
- Auto Line Cutting Machine
- Folding Machine
- Ink Screen Machine

## LODESTAR-145

#### 1 >>> UPPER FEEDER (FOR CARDBOARD)

- Consisting of stream feeding suction head, equipped with a German vacuum pump.
- Four sets of forwarding suckers ensuring smooth transportation of substrate.
- Emergency stop for control double sheet feeding, or miss-sheet.

#### 2 >>> BOTTOM FEEDER (FOR SINGLE FLUTE CORRUGATED)

- Bottom feeding for easy operation, equipped with suction belts for accuracy.
- Six sets of suction belts of high grasp.

#### 3 >>> FEEDER TABLE

- Employ a spring type side guide system to control and transfer the substrate.
- Push type front guides for efficient feeding.
- Micro adjustment for registration and accuracy of lamination of two substrates, providing excellent registration.

#### 4 >>> LAMINATING AND MOUNTING UNIT

- Two sets of rollers are used to achieve overall evenness of pressure.
- Consisting of two precisely constructed rollers to achieve a consistent pressure for E-flute, B-flute and A-flute lamination.
- Precisely constructed adhesive and metering rollers for accurate level and consistent application.
- Counter pressure and doctor rollers are chromed for durability.

#### 5 >>> PRESSURE CONVEYOR UNIT

- Extended pressure conveyor belts ensure flat lamination of the substrates.

Floor Plan

Model:LODESTAR-145

Dimension in mm

The diagram shows the LODESTAR-145 machine from two perspectives. The top view shows a rectangular layout with a pressure conveyor unit on the left, a feeder table in the center, and an upper feeder on the right. Dimensions include a total length of 12750 mm and a width of 2300 mm. The side view shows the machine's profile with a height of 3000 mm and a depth of 1450 mm. Labels indicate the 'Feeder table', 'Upper feeder', 'Feeder unit', and 'Pressure conveyor unit'.

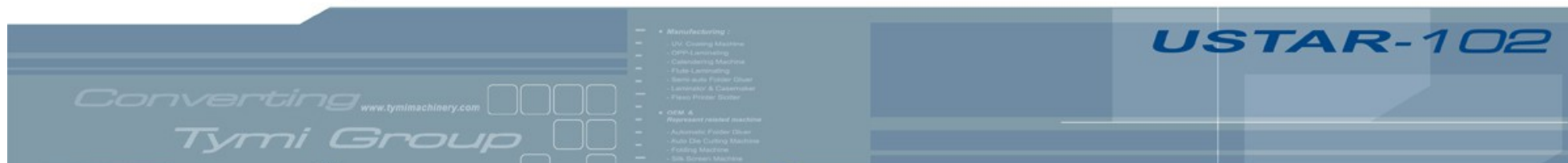
Technical specifications:	Lodestar-145	Lodestar-145-S	Lodestar-160
Max. paper size	1100 X 1450 mm	1450 X 1450 mm	1450 X 1600 mm
Min. paper size	350 X 500 mm	500 X 500 mm	500 X 500 mm
Working width	1450 mm	1450 mm	1600 mm
Cardboard thickness	200 ~ 600 gsm	200 ~ 600 gsm	200 ~ 600 gsm
Max. feeding speed	6000 sheets / hour	6000 sheets / hour	6000 sheets / hour
Dimension (L X W X H)	12750 X 2300 X 3000	14875 X 2500 X 3000	14875 X 3050 X 3000
Total weights	7565 kgs	8810 kgs	9300 kgs
Total power required	14.80 kw	17.2 kw	18.2 kw

Standard equipment:

- ☐ Upper feeder.
- ☐ Bottom feeder.
- ☐ Feeder table.
- ☐ Laminating and mounting unit.
- ☐ Pressure conveyor unit.

Subject to change without notice.





#### USTAR-102 FEATURES:

- Accurate spot coating registration with tolerance of  $\pm 0.5\text{mm}$
- Big diameter cylinder transferring system reduces bending arch of the sheet in moderation, suitable for thick sheets coating.
- Double diameter impression cylinder reduces the surface tension of coating varnish, thus decreasing the roller marks but increasing gloss.
- Robust construction with 13 tons weight capable of 15000 cycles / hr.
- Offset configuration with under swing arm feeding system.
- Gears & shafts bearing in oil bath system while machine in production.

## USTAR-102

### 1 >> STREAM FEEDER

- High speed feeder head with maintenance free rotary valve requires no lubricant or oil.
- Accurate registration with micro-adjustment to front and side lays.
- Double sheet detector & Miss sheet detector.

### 2 >> MULTI-FUNCTION COATING MECHANISM

- Underswing arm infeeding system
- High speed coating system up to 8800 Sheets/Hour.
- Blanket cylinder  $\phi 300\text{ mm}$  and double diameter impression cylinder  $\phi 600\text{ mm}$
- Sealed body frames (thickness is 295mm) with inner transmission gearbox.
- Automatic central lubrication system.
- Suitable for both photopolymer plate and rubber blanket as coating media.
- Easy access to change plate or blanket with convenient cylinder position.

### 3 >> IR & HOT AIR DRYING SYSTEM (OPTION FOR WATER-BASE COATING)

- Short-wave IR lamps provides strong and large-area radiation.
- Hot air system provides high heat energy and circulated air flow for fast drying.

### 4 >> UV CURING SYSTEM

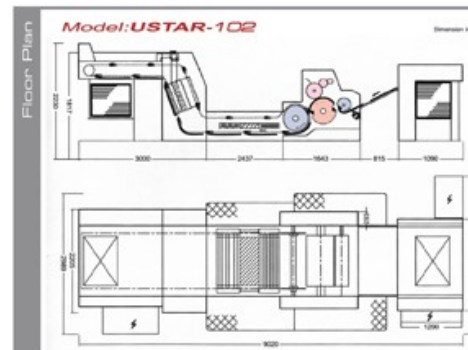
- Three UV lamps. (13 kw x 3 pcs)
- Precise radiators.
- Reliable electronic control.
- Effective cooling & ventilation system.
- Automatic temperature control and emergency stop
- With half power and full power features, allowing for adjust lighting strength or faster start up.

### 5 >> DELIVERY UNIT.

- 16 pcs gripper on each delivery gripper shaft which gripped sheet more stably
- Exhaust system with exhaust blower to extract UV fumes.
- Sheet counter device.
- Vacuum suction sheet decurler for thin paper operation.

## High Speed UV Spot Coating Machine

Tymi latest High Speed UV Spot Coating Machine, Model Ustar-102 has a max. coating speed of **8800 sheets/hr.** The structure and design of Ustar-102 is different from the economic model Ustar-36, with improvement of the feeding system, transferring system, delivery gripper, frame, gears, transmission, lubrication, electricity...etc. to bear the high speed operation and to give better performance.



Subject to change without notice.

specifications:	Ustar-102
Max. sheet size	730 X 1030 mm
Min. sheet size	340 X 406 mm
Coating area	720 X 1020 mm
Paper thickness	80 ~ 450 gsm
Machine speed	9000 sheets / hour
Dimension (L X W X H)	9020 X 3100 X 2350 mm
Total weights	13750 kg
Total power required	58.1kw/82.1kw (water-base)

Standard equipment:	Optional equipment:
<input type="checkbox"/> Stream feeder	<input type="checkbox"/> Pre-loading feeder device
<input type="checkbox"/> Underswing infeed system	<input type="checkbox"/> Non-stop feeder / delivery devices
<input type="checkbox"/> UV coater	<input type="checkbox"/> Ceramic anilox coating roller
<input type="checkbox"/> UV 3-lamps curing equipment	<input type="checkbox"/> Doctor blade cleaner system
<input type="checkbox"/> Delivery	<input type="checkbox"/> In-line brush type powder removal
	<input type="checkbox"/> Cooling air condition
	<input type="checkbox"/> Water base coating and drying device
	<input type="checkbox"/> Photopolymer plate making processor





## URANUS-126

### UV Roller Coating Machine

Uranus roller-type UV coating system features a spray powder and substrate dust removal function and an advanced base-coating/prime-coating unit with effective IR drying system to produce superb UV coating.

#### 1 >> STREAM FEEDER

- Feeder suction head with maintenance free rotary valve requires no lubricant or oil.
- The feeder can be adjusted while running.
- Double sheet detector.

#### 2 >> POWDER REMOVAL (Heating type)

- Adopting indirect removal of spray powder and substrate dust by calendering the surface with heated cylinder.
- Two driven brushes and vacuum cleaning device to clean printing powder (Brush type).
- Brush type, water type powder cleaner and corona treatment for option.

#### URANUS -126 FEATURES:

- With indirect powder & dust removal.
- Water-base / prime coating to fill up small pores on paper. Enhance cross-linking between UV coating & printing ink.
- Minimize UV resin wastage for cost saving.
- Achieve high-gloss, smooth & abrasion resistance coating surface.
- Base coating unit can be used as an aqueous coating unit.
- Machine meets all current security and safety standards with warning signals.
- Continuous gripperless conveyors allowing for flexible substrate travel through the machine.
- Machine speed can reach 80 meters per minute regardless of paper size.

#### 3 >> BASE COATING UNIT

- Consists of three-roller system, with one-side adjuster device for easy operation.
- Doing prime / base coating to enhance adhesion between UV varnish and printing ink.
- To reduce osmosis of UV varnish and keep paper white.

#### 4 >> IR DRYING CONVEYOR

- Equipped with mid-wave IR quartz lamp, prompt heating up without reflection and heat can be absorbed by paper efficiently.
- Each individual narrow conveyor belt is equipped with its own tensioning device easily adjust and maintenance.
- Suction table with vacuum belt.
- Air fan cooling system.

#### 5 >> UV COATING UNIT

- Variable speed control for the metering roller permits adjustment to accommodate lower coating wastage.

- Two pneumatic doctor blades to clean out the surface of pressure roller, and provide uncontaminated sheet.
- Optional air knife system for thin paper.
- Consists of four-roller system: rubber coating roller, chrome-plated metering roller, rubber metering roller and chrome-plated pressure roller.

#### 6 >> UV CURING CONVEYOR

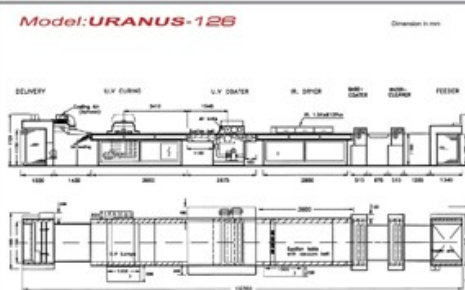
- Equipped with 3 UV lamps with auto air compressed opening control of the UV oven.
- Vacuum suction conveyor with Teflon-coated belt.

#### 7 >> DELIVERY UNIT

- Pneumatic sheet jogging device knocking up both sides of sheet and photo-electric cell controlled.
- Equipped with sheet counter.



Floor Plan



Subject to change without notice.

Technical specifications:	Uranus-126	Uranus-146
Max. sheet size	1200 X 1200 mm	1400 X 1400 mm
Min. sheet size	340 X 406 mm	340 X 406 mm
Coating width	1200 mm	1400 mm
Paper thickness	80 ~ 600 gsm	80 ~ 600 gsm
Max. feeder speed	8000 sheets / hour	8000 sheets / hour
Conveyor speed	25 ~ 80 m / min	25 ~ 80 m / min
Dimension (L X W X H)	16700 X 2705 X 1925 mm	18040 X 2905 X 1925 mm
Total weight	11520 kgs	12400 kgs
Total power required	Heated powder cleaner 85.7 kw Water base cleaner 78.5 kw	Heated powder cleaner 92.5 kw Water base cleaner 85.2 kw

Standard equipment:	Optional equipment:
<input type="checkbox"/> Stream feeder	<input type="checkbox"/> UV curing conveyor
<input type="checkbox"/> Powder removal (Heated type)	<input type="checkbox"/> Delivery
<input type="checkbox"/> 3-Roller system water-base coater	<input type="checkbox"/> Pre-loading feeder device
<input type="checkbox"/> IR drying conveyor	<input type="checkbox"/> Powder removal (brush type)
<input type="checkbox"/> 4-Roller system UV coater	<input type="checkbox"/> Powder removal (brush type)
	<input type="checkbox"/> 1800mm Travel conveyor extension





# USTAR-36

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- Manufacturing:
  - UV Coating Machine
  - UV Spot Coating Machine
  - UV Lamination Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine
- Other:
  - UV Coating Machine
  - UV Spot Coating Machine
  - UV Lamination Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine
  - UV Laminating Machine



## 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.

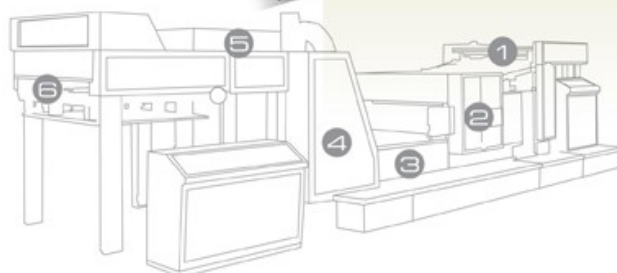
## UV Spot Coating Machine

Tymi **Ustar** series spot UV coating system is introduced to replace the traditional silk-screen printing method for spot UV coating. It enhances production speed and adopts less expensive UV varnish of lower cost.

By combining the construction of offset printing press and roller coating technology, the **Ustar** Series is a versatile UV system capable for both spot and full sheet coating.



Conveyor type



## 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 >> UV CURING UNIT

- Three UV 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 >> IR DRYING UNIT (Option for water-base coating)

- With mid-wave IR 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)		Technical specifications:	Ustar-36	Ustar-40
Max. sheet size			800 X 1100 mm	920 X 1280 mm
Min. sheet size			340 X 406 mm	340 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 5000 sheets / hour	Up to 5000 sheets / hour
Dimension (L x W x H)			8385 X 2840 X 2010 mm(WB)	8385 X 3021 X 2010 mm(WB)
Total weights			7000(WB) / 6500(LV) kg	8000(WB) / 7500(LV) kg
Total power required			64.3(WB) / 40.3(LV) kw	68.9(WB) / 44.9(LV) kw
Power of U.V lamps			30 kw (10kw 3pcs.)	33 kw (11kw 3pcs.)
Standard equipment:			Optional equipment:	
<input type="checkbox"/> Stream feeder			<input type="checkbox"/> Pre-loading feeder device	
<input type="checkbox"/> UV curing system			<input type="checkbox"/> UV curing system	
<input type="checkbox"/> UV 36 lamps coating equipment			<input type="checkbox"/> Ceramic anilox coating roller	
<input type="checkbox"/> Delivery			<input type="checkbox"/> Cooling air condition	
			<input type="checkbox"/> 600 mm Travel during extension	

Subject to change without notice.



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  - UV Curing Machine
  - UV Inkjet Printing Machine
  - UV Laser Cutting Machine
  - UV Laser Engraving Machine
  - UV Laser Marking Machine
  - UV Laser Drilling Machine
- Service :
  - Equipment Rental Machine
  - Automatic Feeder System
  - Auto Die Coating Machine
  - Coating Machine
  - UV Coating Machine



## Varnishing Machine

### 1. STREAM FEEDER

- Feeder suction head with maintenance free rotary valve requires no lubricant or oil.
- The feeder can be adjusted while running.
- Double sheet detector.
- Variable speed for adjustment to different kinds of sheet.
- Braking system for motor drive to minimize paper wastage.

### 2. COATING UNIT

- Consist of rubber coating roller, chromed metering & counter pressure roller.
- Equipped with independent control dial reading for each roller to ensure easy adjustment.
- Chain driven mechanism to prolong rollers service life.

### 3. IR DRYING UNIT

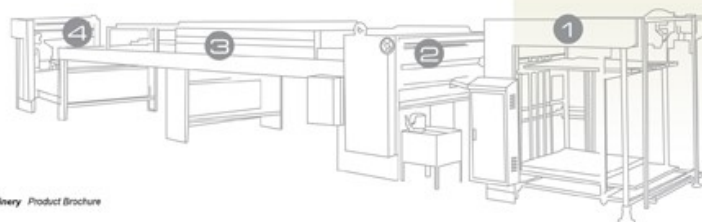
- Mid-wave IR drying device for effective drying with lower power consumption.
- Heat-resistant conveyor belts for easy adjustment & maintenance.
- Equipped with cooling fans.
- Venus-126W / water-base model is equipped with additional hot air device.

### 4. DELIVERY UNIT

- Pneumatic sheet jogging device knocking up both sides of sheet and photo-electric cell controlled.
- Equipped with sheet counter.
- Automatic pile raising and lowering.
- High speed sheet guiding system ensure jogging effect, also adjustable and sampling at operation.

### VENUS -126 FEATURES :

Varnishing and calendering has long been the most common and economical method to apply on printed cardboard to achieve a glossy and smooth paper surface. VENUS series varnishing machine is designed as a multi-purpose coater capable of processing conventional varnishing, blister coating, calendering coating and with VENUS-W model specially designed for water-base coating to cope with growing environmental concerns. It can reach production speed up to 80m/min to make ordinary varnishing jobs efficient and profitable.

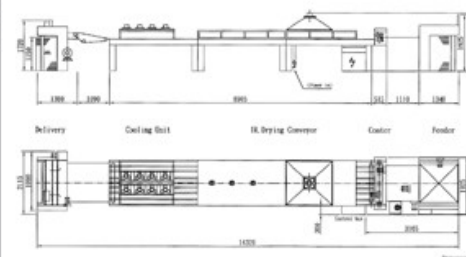


# VENUS-126

Floor Plan

### Model: VENUS-126W

(for water base coating)



Technical specifications	Venus-126W
Max. sheet size	1200 X 1200 mm
Min. sheet size	340 X 406 mm
Max. working width	1180 mm
Cardboard thickness	250 ~ 600 gsm
Conveyor speed	25 ~ 80 m/min.
Material required	Water-base & solvent-base varnish
Total power required	64 kw
Dimension (L X W X H)	14320 X 1990 X 1985 mm
Total weights	5090 kg

#### Standard equipment:

- ☐ Stream feeder
- ☐ Coating unit
- ☐ IR drying unit
- ☐ Hot Air drying device
- ☐ Delivery unit

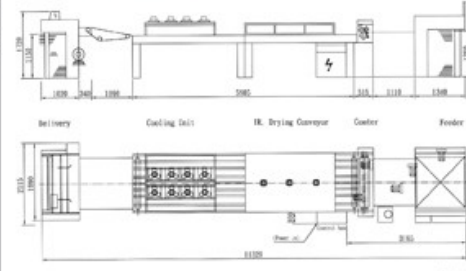
#### Optional equipment:

- ☐ Non-stop feeding device
- ☐ Pre-loading feeder device

Floor Plan

### Model: VENUS-126

(for solvent-base coating)



Technical specifications:	Venus-126
Max. sheet size	1200 X 1200 mm
Min. sheet size	340 X 406 mm
Max. working width	1180 mm
Cardboard thickness	250 ~ 600 gsm
Conveyor speed	25 ~ 80 m/min.
Material required	Solvent varnish
Total power required	25.2 kw
Dimension (L X W X H)	11320 X 2115 X 1925mm
Total weights	4700 kg

#### Standard equipment:

- ☐ Stream feeder
- ☐ Coating unit
- ☐ IR drying unit
- ☐ Delivery unit

#### Optional equipment:

- ☐ Non-stop feeding device
- ☐ Pre-loading feeder device

Subject to change without notice.





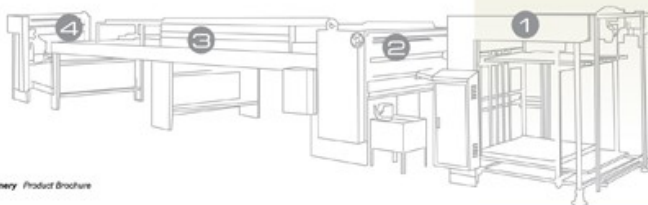
1 >> STREAM FEEDER

- 
- IR DRYING UNIT

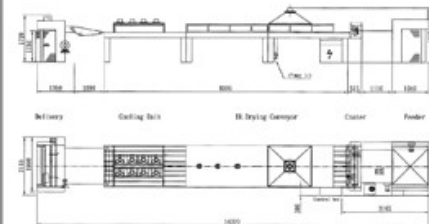
- 4 >> DELIVERY UNIT

- Pneumatic sheet jogging device knocking up both sides of sheet and photo-electric cell controlled.
- Equipped with sheet counter.
- Automatic pile raising and lowering.
- High speed sheet guiding system ensure jogging effect, also adjustable and sampling at operation.

Varnishing and calendaring has long been the most common and economical method to apply on printed cardboard to achieve glossy and smooth paper surface. VENUS series varnishing machine is designed as a multi-purpose coater capable of processing conventional varnishing, blister coating, calendaring coating and with VENUS-W model specially designed for water-base coating to cope with growing environmental concerns. It can reach production speed up to 80m/min to make ordinary varnishing jobs efficient and profitable.

**VENUS-126**

( for water base coating )



## Venus-126W

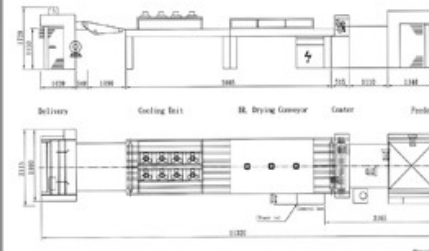
**Standard equipment:**

- ☐ Stream feeder
- ☐ Cooling unit
- ☐ IR drying unit
- ☐ Hot Air drying device
- ☐ Delivery unit

**Optional equipment:**

- ☐ Non-stop feeding device
- ☐ Pre-feeding feeder device

( for solvent-base coating )



## Venus-126

**Standard equipment:**

- ☐ Stream feeder
- ☐ Coating unit
- ☐ IR drying unit
- ☐ Delivery unit

**Optional equipment:**

- ☐ Non-stop feeding device
- ☐ Pre-loading feeder device





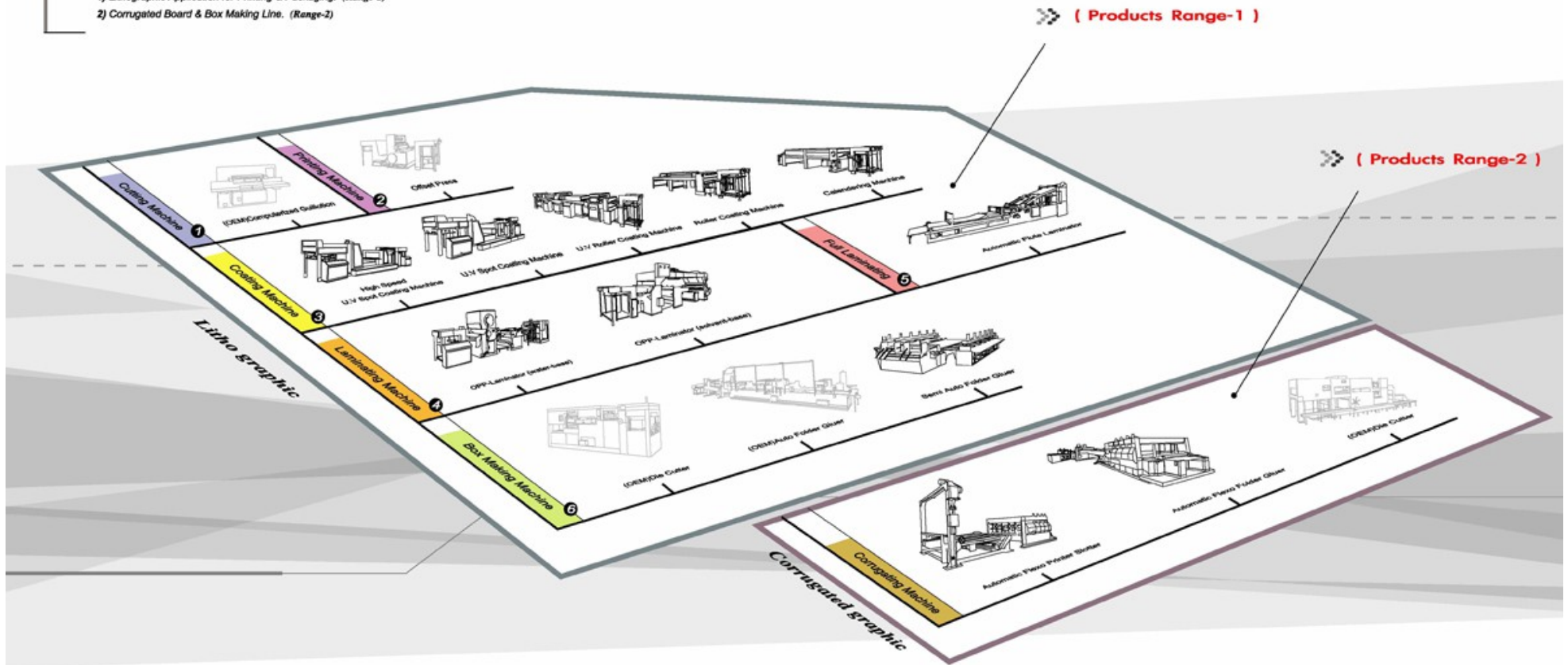
# We specialize in both fields

What do you need for converting and finishing to enhance professional design and printing ?  
Besides manufacturing & trading, TYMI also provides technique consultation & turn-key solutions for you.



From Litho to Flexo, TYMI specialized in production lines for packaging industry, including:

- 1) Lithographic Application for Printing & Packaging. (Range-1)
- 2) Corrugated Board & Box Making Line. (Range-2)





## Company History

►►► Tymi Machinery has adopted experience on manufacturing printing machinery to develop and produce printing finishing equipments.

- 1967 • Specialized in single color offset printing machine.
- 1979 • Produced hydraulic guillotine.
- 1981 • Produced computerized guillotine.
- 1985 • Applied UV drying tech. to printing machine for UV ink printing.
- 1986 • Produced automatic varnishing machine and calendering machine. Started manufacture of post-print process machinery.
- 1987 • Produced the UV roller coating machine.
- 1988 • Produced the UV spot coating machine and OPP film laminating machine. (solvent base)
- 1990 • Produced OPP film laminating machine. (water base)
- 1991 • Produced shoes box folder gluer and varnishing machine (water base/ solvent base).
- 1992 • Established HK branch, engaged in machinery trading business for China & HK markets.
- 1993 • Established Good Yield Ind. & Trade. Co. Ltd. in Guangzhou as training & demonstration center.  
• Participated Beijing CHINA PRINT 93exhibition in China, displayed UV roller coating machine.
- 1994 • Produced automatic flute laminating machine and dinner tray forming machine.
- 1995 • Established Good Yield Development Co. in HK (Now changed to Good Yield (HK) Development Co. ) for printing equipments and materials sale.
- 1996 • Produced Flexo printer slotter machine.
- 1997 • Established LA branch sales office. (TYMI GROUP OF AMERICA, INC.)  
• Participated Chicago PRINT 97exhibition in U.S.A., displayed UV spot coating machine & OPP laminating machine (water base).  
• Participated Beijing CHINA PRINT 97exhibition in China, displayed UV spot coating machine.
- 1998 • Participated Paris CORRUGATED 98exhibition in France, displayed Flexo printer slotter machine.  
• Participated San Paulo CONVERTIFLEX 98exhibition in Brazil, displayed UV spot coating machine & OPP laminating machine (water base).  
• Participated Birmingham IPEX 98exhibition in U.K.
- 1999 • TYMI GROUP TRADING CO., LTD. was established in Taiwan, except machine manufacture, also enhance international sales.  
• TYMI GROUP OF AMERICA, INC. was moved from L.A. to Houston.
- 2000 • Participated Dusseldorf DRUPA 2000 exhibition in Germany.  
• Participated Birmingham IPEX 2000 exhibition in U.K.
- 2001 • Participated Beijing CHINA PRINT 2001 exhibition in China, displayed UV roller coating machine.  
• Participated Chicago PRINT 01exhibition in U.S.A., displayed UV spot coating machine.  
• Participated CORRUGATED ASIA 2002 exhibition in Singapore.  
• Participated Shanghai SINO-CORRUGATED 2001 exhibition in China, displayed flexo printer slotter machine.  
• Established TOPIN DESIGN & ADVERTISING CO., LTD in Taiwan, engaged in printing, packaging, image design, and enterprise scheme.
- 2002 • Participated Birmingham IPEX 2002 exhibition in U.K.  
• Participated Paris CORRUGATED2002 exhibition in France, displayed Flexo printer slotter machine.  
• Reorganized TYMI GROUP TRADING CO., LTD. Became TYMI GROUP CO., LTD. continues leading overseas branch offices as a diversification group, has its own branch offices as below:  
- TYMI MACHINERY IND. CO., LTD.  
- TYMI MACHINERY IND. (HK) CO., LTD.  
- TYMI MACHINERY IND. (GUANGZHOU) CO., LTD.  
- TYMI MACHINERY IND. (BEIJING) CO., LTD.  
- TYMI GROUP OF AMERICA, INC.  
- TOPIN DESIGN & ADVERTISING CO., LTD  
• Participated KIPES 2002 exhibition in Korea.  
• Participated TIGAX 2002 exhibition in Taiwan.
- 2003 • Produced new Computerized Guillotine.  
• Produced Sheet Feed Laminator & Casemaker.  
• Produced High speed UV spot coating machine.  
• Participated GRAPHISPAQ 2003 exhibition in Barcelona Spain.  
• Participated SINO-CORRUGATED 2003 exhibition in Shanghai China, displayed Flexo Printer Slotter and High speed UV spot coating machine.  
• Participated APPEXPO 2003 exhibition in Shanghai China, displayed High speed UV spot coating machine, new Computerized Guillotine, Flute Laminating machine and Sheet Feed Laminator & Casemaker.  
• Participated ALL IN PRINT 2003 exhibition in Shanghai China, displayed High speed UV spot coating machine and Sheet Feed Laminator & Casemaker.
- 2004 • Produced New OPP laminating machine (suitable for water-base & solvent-base glues, and thermal film)  
• Participated DRUPA 2004 exhibition in Düsseldorf Germany.  
• Participated APPEXPO 2004 exhibition in Shanghai China, displayed High speed UV spot coating machine.  
• Participated South China International Printing Package and Paper Industry Exposition exhibition in Guangzhou China, displayed Computerized Guillotine.  
• Participated Sino-Paperprint exhibition in Guangzhou China, displayed OPP laminating machine, High speed UV spot coating machine, and Computerized Guillotine.
- 2005 • Participated Print South China 2005 exhibition in Guangzhou China, displayed High speed UV spot coating machine.  
• Participated Converflex Latin America 2005 exhibition in São Paulo Brazil.  
• Participated Sino-Corrugated 2005 exhibition in Shanghai China.  
• Participated China Print 2005 exhibition in Beijing China, displayed High speed UV spot coating machine, and OPP laminating machine.  
• Participated Print 05 exhibition in Chicago USA, displayed High speed UV spot coating machine.  
• Participated FGD Expo 05 exhibition in Jakarta Indonesia, displayed High speed UV spot coating machine.
- 2006 • Participated Sino-Foldingcarton 2006 exhibition in Guangzhou China, displayed OPP Laminating Machine.  
• Participated All in Print China 2006 exhibition in Shanghai China, displayed High speed UV spot coating machine and OPP laminating machine.  
• Participated India Corrugated Show 2006 in India.  
• Participated KIPES 2006 exhibition in Korea, displayed High speed UV spot coating machine.  
Established branch office in Korea. / TYMI MACHINERY IND. (Korea) CO., LTD.
- 2007 • Participated Print China 2007 exhibition in Guangzhou China, displayed High speed UV spot coating machine and OPP laminating machine.  
• Participated PPPEXPO 2007 exhibition in Shanghai China, displayed High speed UV spot coating machine and OPP laminating machine.  
• Participated IPEX South Asia 2007 in India.  
• Participated SINO-Foldingcarton 2007 exhibition in Shanghai China, displayed High speed UV spot coating machine and OPP laminating machine.
- 2008 • Participated Print South China 2008 exhibition in Guangzhou China, displayed OPP laminating machine.  
• Participated DRUPA 2008 exhibition in Düsseldorf Germany, displayed High speed UV spot coating machine.  
• Participated GRAPH EXPO 08 exhibition in Chicago USA, displayed High speed UV spot coating machine.  
• Participated All In Print China 2008 exhibition in Shanghai China, displayed High speed UV spot coating machine and OPP laminating machine.
- 2009 • Participated China Print 2009 exhibition in Beijing China, displayed High speed UV spot coating machine.
- 2010 • Produce embossing device and chain knife cutting device to enhance functions of OPP laminating machine.

— TYMI Machinery Industrial Co., Ltd.  
9/F., No.16, Tomson Ind. Park, Lane 609, Sec. 5,  
Chung Hsin Rd., San Chung Dist., New Taipei City, Taiwan.  
TEL: 886-2-2995-3832 FAX: 886-2-2995-8082

— TYMI Machinery Industrial (H.K.) Co., Ltd.  
Flat 3, 7/F., Block A, Wing Kut Industrial Building,  
608 Castle Peak Road, Kowloon, Hong Kong.  
TEL: 852-2785-0133 FAX: 852-2744-1188

— TYMI Machinery Industrial (Guangzhou) Co., Ltd.  
No. 29, LiJun Rd., Xili Industrial Park, ShiGao Town, PanYu Dist.,  
GuangZhou City, GuangDong Province, China. (Zip Code: 511400)  
Tel: 86-20-34804571 Fax: 86-20-34804573

<http://www.tymimachinery.com> E-mail: [tymi@ms14.hinet.net](mailto:tymi@ms14.hinet.net)





Taiwan Factory

## Preface

Nowadays, the intelligence and information vary from minute to minute in our life, it continuously stimulates printing industry to make definite and prompt decision for purchasing production facility.

**Tymi Machinery Industrial Co., Ltd.** has adopted 40 years experience on manufacturing of paper converting machinery, insisted on quality & service guarantee, and emphasized innovation of design to build a new generation brand name — **Tymi machinery.**

As for printing finishing, chasing beauty and originality is to offer consumer another level of choice. Therefore, in order to satisfy the expectation of consumer, printing & packaging markets are full of the request on glossy, matt OPP-film and Spot coating products. It shows the importance of quality.

It also means who offers quick delivery, good quality and new design who gets the potential opportunity. Only diversified operation of **Tymi machinery** with other OEM. products, institutional administration and perfect service can be your best choice.

### Institutional administration & perfect service

#### [ Taiwan Head Office ]

Tymi Machinery

#### [ Taiwan Factory ]

Tymi Machinery Industrial Co., Ltd.

#### [ China Factory ]

Tymi Machinery Ind. (Guangzhou) Co., Ltd.

OEM. Joint Manufacturers

#### [ Branch Office ]

Hong Kong - Tymi Machinery Industrial (H.K.) Co., Ltd.

Guangzhou - Tymi Machinery Industrial (Guangzhou) Co., Ltd.

Taiwan - Topin Design & Advertising Co., Ltd.

### Diversified Business Items

Equipment Manufacture	Machinery Representation	Materials Sale	Coating Service	Maintenance Service	Image Design
<ul style="list-style-type: none"> <li>UV Spot Coating Machine</li> <li>UV Roller Coating Machine</li> <li>Film Laminating Machine</li> <li>Varnishing Machine</li> <li>Calendering Machine</li> <li>Flute Laminating Machine</li> <li>Semi-Auto Folder Gluer</li> <li>Flexo Printer Slotter</li> <li>Flexo Folder Gluer</li> </ul>	<ul style="list-style-type: none"> <li>Paper Cutter (Guillotine)</li> <li>Photopolymer Plate Maker</li> </ul>	<ul style="list-style-type: none"> <li>Water-Base glue</li> <li>UV Varnish</li> <li>Water-Base Varnish</li> <li>Photopolymer Plate</li> <li>UV / IR Lamps</li> <li>Teflon Conveyor Belt</li> </ul>	<ul style="list-style-type: none"> <li>UV Spot Coating</li> <li>UV Flood Coating</li> <li>OPP Film Lamination</li> <li>PET Film Lamination</li> <li>Water-base Coating</li> </ul>	<ul style="list-style-type: none"> <li>Used machine Trading</li> <li>Used machine maintaining</li> <li>Turn-key Plant planning</li> <li>Technique consulting</li> </ul>	<ul style="list-style-type: none"> <li>CI Image Planning</li> <li>Website Planning</li> <li>Exhibition Planning</li> <li>Graphic Design</li> <li>Package Design</li> <li>Printing Contractor</li> <li>Commercial Photograph</li> </ul>



# *Tymi Machinery*

## *Converting Machinery*



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*Creating Paper Converting Machinery &  
Providing Turn-key Solution*

*We Respond to the World of Paper Converting*