



Converting
Tymi Group

www.tymimachinery.com

- 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



COMET-126

Automatic Calendaring Machine

In addition to the VENUS series, TYMI machinery has developed the COMET series calendaring 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 calendaring.

TYMI's Calendaring Machine (Comet series) should work together with the Coating Machine (Venus series). PVA calendaring varnish was coated on sheets via Coating Machine, then sheets with PVA are melted by heat and pressure of heated plate of calendaring machine. The design of COMET calendaring 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 thermostat control, safety design.
- Optional gas heating system, electronic ignition system.
- Hydraulic press device for pressure evenly.

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 calendaring cylinder, pressure cylinder and calendaring belt.
- Counter pressure cylinder is coated with special hardened synthetic rubber to stand high Pressure.
- Sturdily constructed calendaring cylinder to stand pressure up to 250 kg/cm²
- 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 calendaring 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.



Floor Plan

Model: **COMET-126**

Dimension in mm

Technical specifications:	Comet-126
Max. sheet size	1200 X 1200 mm
Min. sheet size	310 X 406 mm
Sheet thickness	250 ~ 600 gsm
Max. working width	1200 mm
Conveyor speed	12 ~ 35 m / min.
Total power required	53.3 kw (Heating type)
Dimension (L×W×H)	12300 X 2290 X 1925 mm
Total weights	6234 kgs

<p>Standard equipment:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Stream feeder <input type="checkbox"/> Calendaring unit <input type="checkbox"/> Heated conveyer <input type="checkbox"/> Delivery unit 	<p>Optional equipment:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Nonstop feeding device <input type="checkbox"/> Pre-loading device <input type="checkbox"/> Water cooling device
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Subject to change without notice.