

COANDA Plus CI



Reliability and Precision for Commercial and Insert Printing

Application:
< 2000 fpm (10 m/s)

**Low-mid speed
Commercial, Insert,
Newspaper,
Directory printing**

The COANDA Plus CI is the latest evolution of the highly successful COANDA Plus. It has been specifically designed and adapted for printers with low- and mid-speed web commercial and insert presses. The COANDA Plus CI provides excellent air flotation drying performance with a modern control system at an economical price. The COANDA Plus CI is a basic system, but it offers all the features needed for effective drying, reliable operation and weblines productivity.

The COANDA Plus CI provides the hardworking performance printers need to keep their competitive edge. All MEGTEC dryers include the advantages obtained from more than 35 years of experience and innovation in weblines technologies. The COANDA Plus CI design has proven its effectiveness in today's wide range of paper and press conditions.

Hi-Float® Air Bars

Hi-Float air bars provide print quality and reliability unmatched by any other system in their class with stable flotation and effective drying, all with low energy consumption.



- **Advanced Air Flow Control System**
- **Electronic Troubleshooting System**
- **Rugged Design**
- **Proven Performance and Reliability**

Trouble-Free Design

Infiltration seals on entrance slots minimize room air infiltration which causes condensation inside the dryer. The exit slot includes a smoke tunnel that captures fugitive solvents.

Automated Make-Up Air Control

Automated make-up air control helps maintain constant pressure and more stable air inside the dryer enclosure. Internal return air seals ensure stable, effective operation.

Zero Paper Waste Interface Feature

Operator starts press line on console. The press logic enables the dryer preheat signal. At 2% rated press speed, the dryer preheats

the air temperature to a value equal to the air temperature set point. The press then accelerates to the preset print speed. At 10% rated press speed set point, a second signal is given to the dryer to release web temperature control.

Automatic Vertical Web-Up Doors

During web-up and downtime, automatic vertical web-up doors eliminate the need for time-consuming door operation.

Heavy Duty Construction

The COANDA Plus CI incorporates a rugged internal frame to ensure correct air bar alignment. The frame will support the weight of a second dryer or

top-mounted oxidizer.

Pressroom Safety

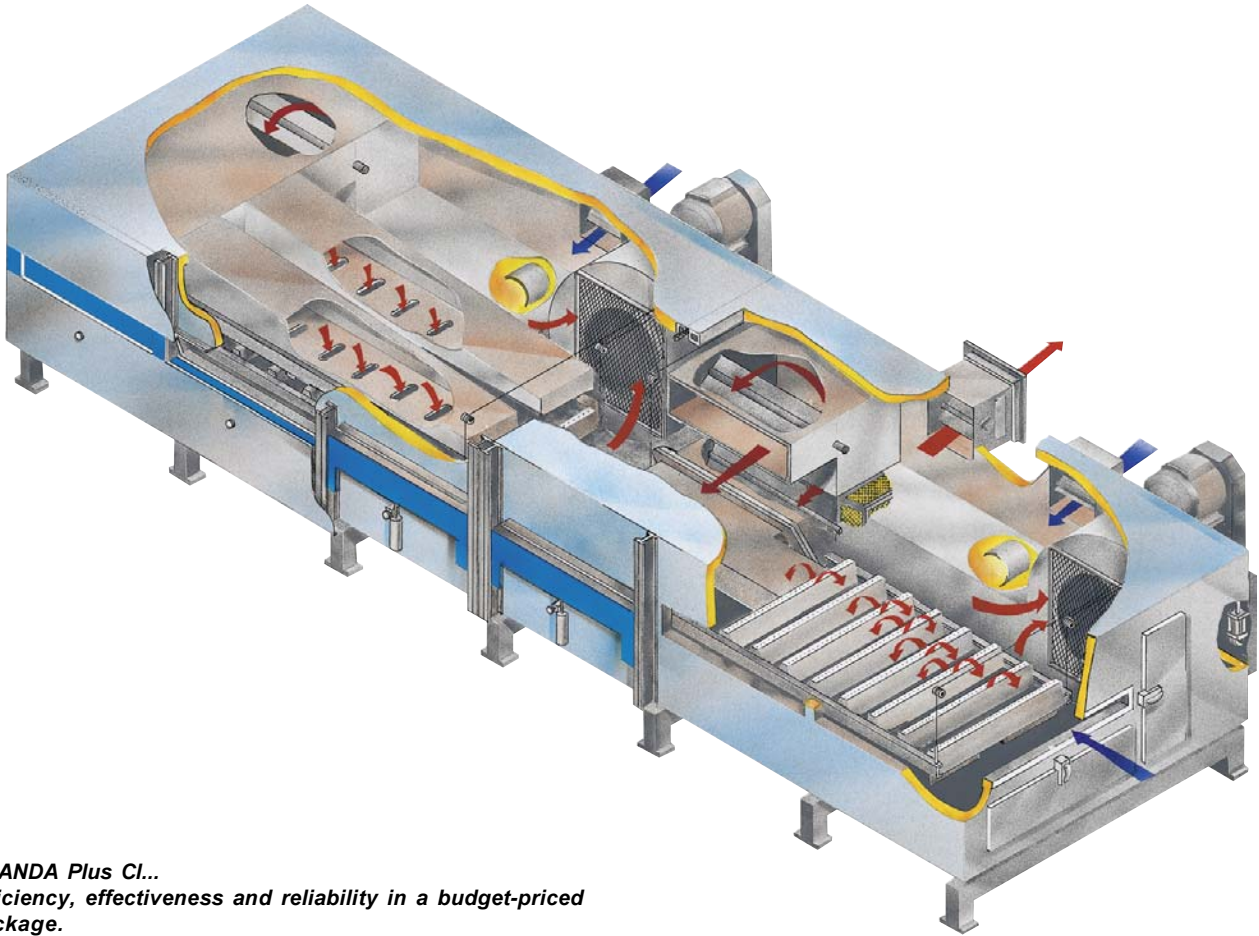
Web-up doors are not used for pressure relief. Pneumatic cylinders maintain positive pressure on doors at all times. Explosion relief is on the dryer's sides, top and/or bottom, away from pressroom personnel.

Complete Installation Package

The COANDA Plus CI is available in a complete installation package that includes dryer top-mounted frames for mounting the exhaust and combustion fans, exhaust duct work, and piping from the burner to the combustion blower.

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COANDA Plus CI...
Efficiency, effectiveness and reliability in a budget-priced package.

Technical Specifications

Maximum Web Speed	2,000 fpm (10 m/s)
Maximum Web Width	66" (1,676 mm)
Air Bar	Hi-Float®
Air Bar Balance	Manual
Smoke Tunnel	Provided
Standard Dryer Control	PLC with touchscreen and Zero Paper Waste Interface Feature
Optional Dryer Control	Relay Logic with troubleshooting panel, no Zero Paper Waste Interface Feature
Web Break Detection	Optional
Motors	ODP with ODP high efficiency on supply fans - Optional TEFC
Explosion Relief/Access	Meets NFPA Guidelines

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THE BOTTOM LINE IS PROCESS KNOWLEDGE

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