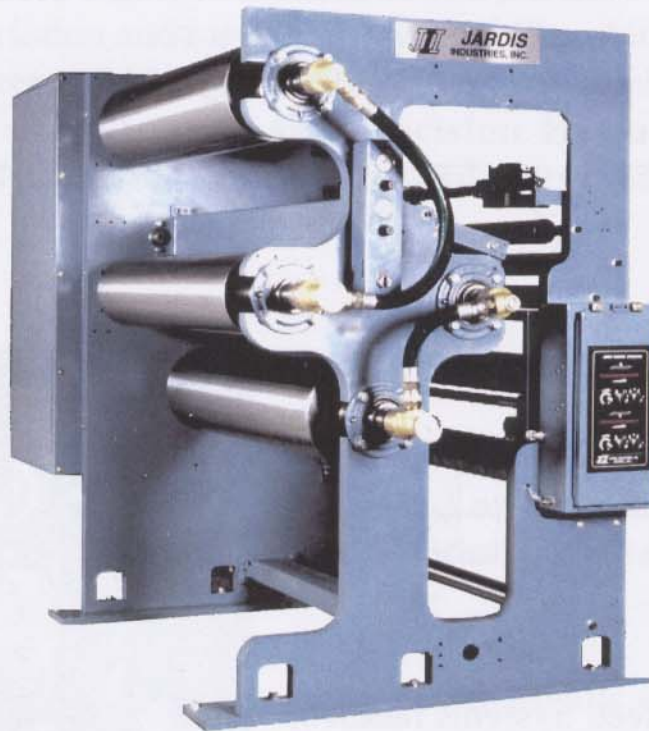




Jardis
Industries, Inc.

Precise Web Outfeed Chill Stands

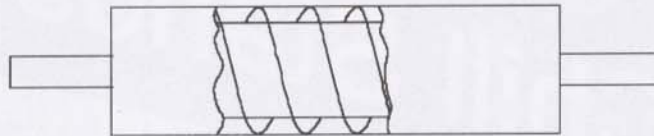
*Precise
Efficient
Web Cooling
Digital Speed Control*



Jardis Industries' Outfeed Chill Roll Systems provide rugged, reliable web cooling and speed regulation essential for high quality heat-set web printing.

Jardis Outfeed Chill Roll Systems

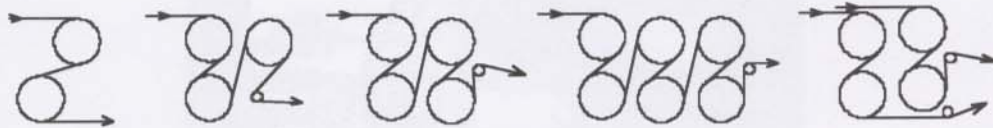
Double shell, spiral channeled chill roll construction (Shown Below):



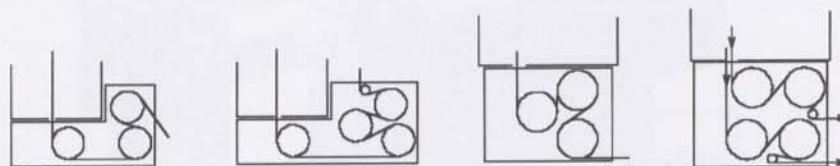
- Double shell, spiral channeled chill roll construction assures maximum heat transfer and uniform temperature distribution across the face of the drum.
- Diameters from 10" (250 mm) to 24" (600 mm) available

Outfeed systems featuring from two (2) to six (6) chill rolls are available in both horizontal and vertical web configurations.

Horizontal Roll Arrangements



Vertical Arrangements



All JII Outfeed Systems feature:

- Factory plumbing to water inlet and return header.
- Rotary water unions.
- Thermometers on the water exit end of each chill roll.
- Ball shut off valves to isolate each roll.
- Automatically activated nip roller or nip trolleys.

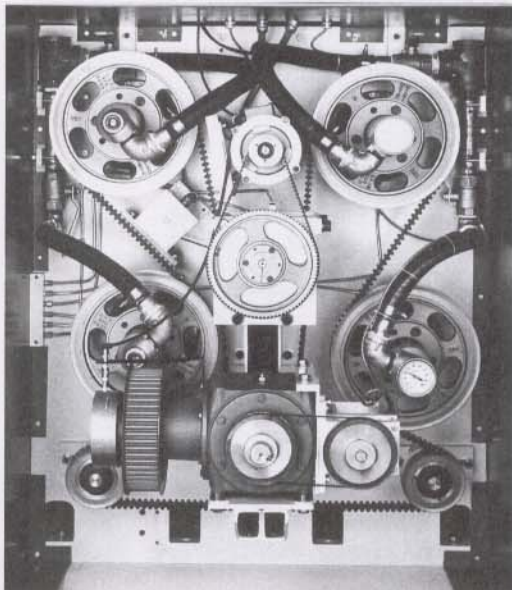
Precision "Outfeed Gain" Control

Chill roll speed control accuracy to +/- 0.01% of set gain.

Controller (Shown at right).

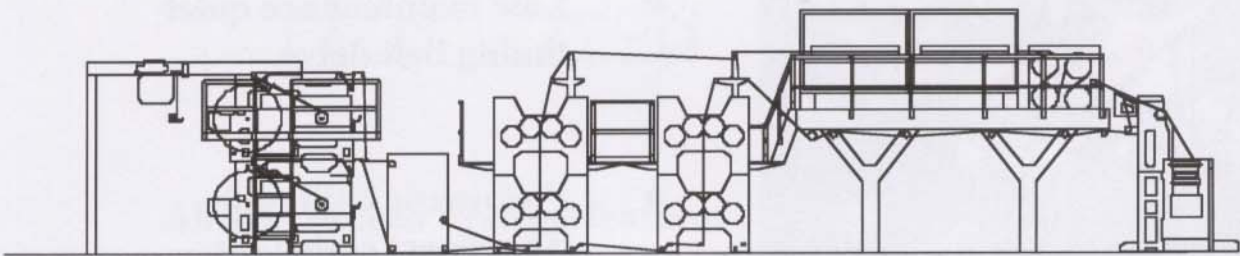
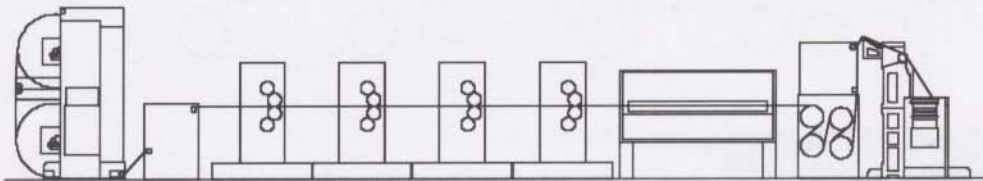
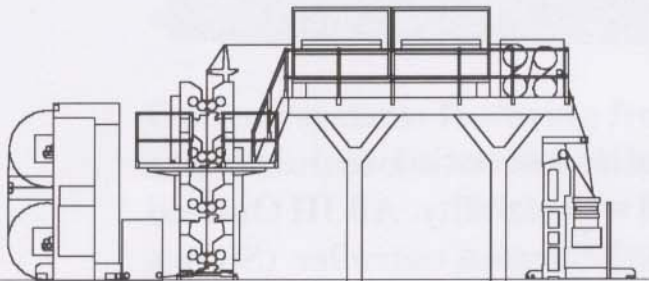
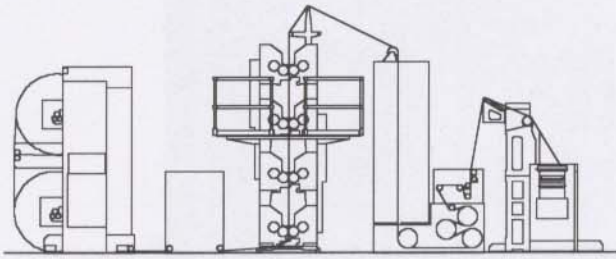


Precise chill roll "gain" control is essential to minimize cut-to-print variation and for overall web stability. All JII Outfeed Chill Roll Systems feature a Digital Speed Controller (Shown Above) coupled with a rugged precision Harmonic Drive Transmission System (Show Below) to ensure accurate web speed control.



- Low maintenance quiet timing belt drive.
- Pneumatic chill roll disconnect clutch for each web pass.

Jardis Industries' Outfeed Chill Roll Systems are custom designed for each application to ensure optimum web cooling and control.



J11 Full Line of Press Products:

- Flying Pastors
- Zero-Speed Splicers
- Infeeds
- Vertical Dryers
- Horizontal Dryers
- Lo-Boy Chills
- Web Guides
- Web Coaters
- Ribbon Decks
- Compensators
- Y-Columns
- Platforms
- Shaftless Technology

Jardis Industries, Inc.

1201 Ardmore Ave. ■ Itasca, IL 60143

Phone (630) 860-5959 ■ Fax (630) 860-6515