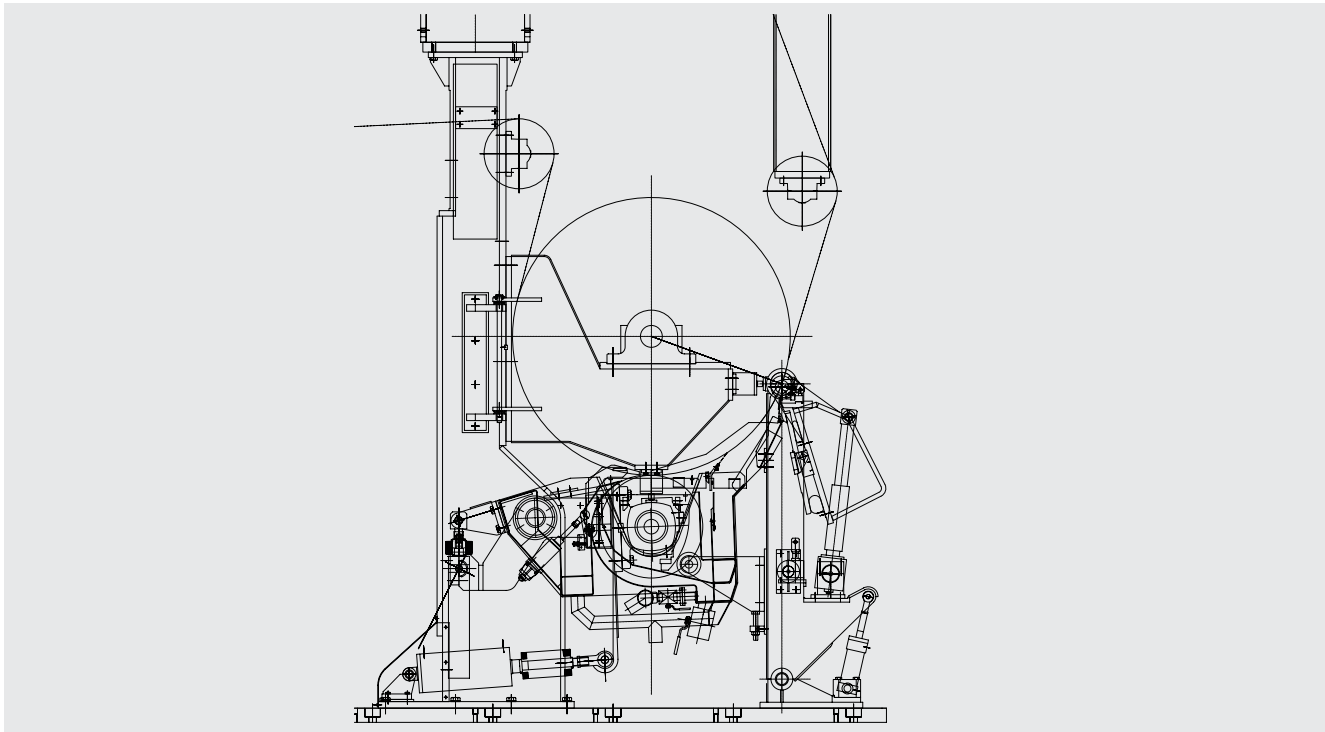


Coating Station 2: Flooded Nip Coater



Technology

Beloit Corp.

- Applicator pan volume: 45 liter
- Adjustable gap between applicator and backing rolls

Backing Rolls

- Diameter: 1270 mm
- Polyurethane Cover: Beloit Manhattan POLYTEC¹, 35 ± 4 P&J hardness
- Rubber Cover: Voith Paper STRATOCOAT², 70 P&J hardness

Applicator Roll

- Diameter: 470 mm
- Polyurethane Cover: Stowe Woodward POLYSIZE, 25 P&J hardness

Blade Metering System

Beloit S-MATIC¹

- Head Angle: 20–55°
- Load Angle: 0–30°
- Blade Loading: Mechanical
- Stiff Blades:
 - Height: 76 mm
 - Extension: 16 mm
 - Caliper: 0.3/0.4 mm
 - Pre-honed angle: 35/40/45°
- Bent Blades:
 - Height: 84 mm
 - Extension: 10 mm (± 1.0 mm)
 - Caliper: 0.3/0.4 mm

¹ Trademark of Beloit, ² Trademark of Voith

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated Company of Dow
Dow Emulsion Polymers

Rod Metering System

Joint development with Beloit Corp.

- Smooth Rod Diameter: 25 mm
- Rod Drive System: Hydraulic Motor

Coating Color System

- Minimum Filling Volume: 100 liter

<http://www.dow.com/emulpoly/paper/contact/index.htm>

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, the Customer is responsible for determining whether products and the information in this document are appropriate for the Customer's use and for ensuring that the Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Dow assumes no obligation or liability for the information in this document.

NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

This document is intended for use worldwide.

Published September, 2009.

© 2009 The Dow Chemical Company

