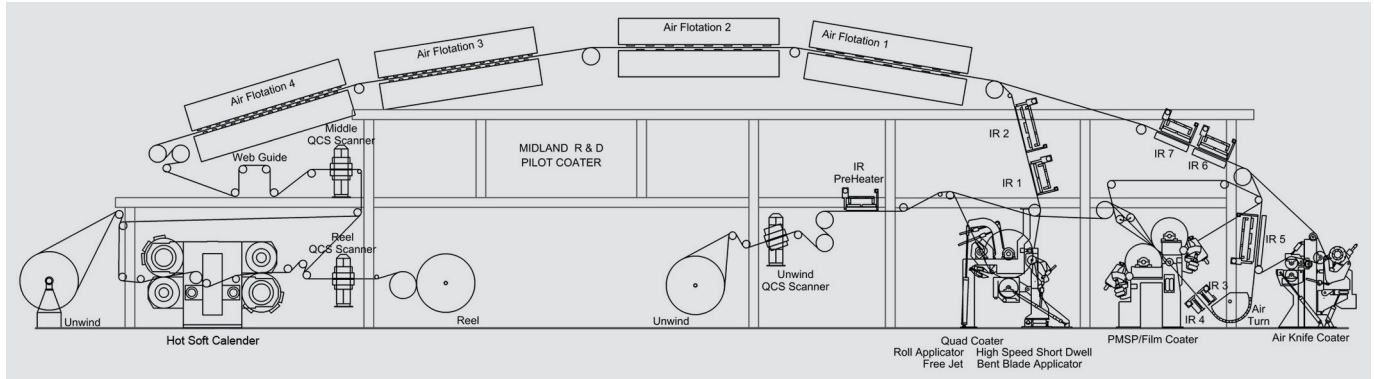


## Pilot Coater



Manufactured by Beloit Corporation

<b>Measurements</b>	Speed: Web Width: Paper Roll Diameter (max): Paper Roll Core Diameters:	6000 fpm (1800 m/min) max 28" (71.1 cm) 60" (152 cm) 3" (7.6 cm) preferred; 4", 12" (10.2, 30.5 cm) available
<b>Controls</b>	Drive System:  Web Tension Control: DCS/QCS Operational Control:  Paper Quality Measurement:	Reliance Electric Automax System Twenty-one (21) Regenerative DC Motors 0-5 pli – BLH Multi-zone Axial Load Beams ABB AC410 / AC450 Process Controllers Three (3) Multi-screen ABB Advant Operator Interface work stations  Three (3) ABB Accuray 1190 Smart Platforms Sensors – Moisture, Ash, Basis Weight, Total Coat Weight, Top/Bottom Coat Weight, Top/Bottom Gloss
<b>Coating Equipment</b>	Beloit Quad Coater Station with:  Beloit PMSP/Film Coater Station with:  Beloit Air Knife Coater Station with:	Applicator Roll Short Dwell (conventional/high speed) Free Jet Applicator Bent Blade Applicator  Two Roll Applicator System Rod Pre-metering Capability  Smoothing Roll Option
<b>Drying Equipment</b>	Sixteen (16) Marsden Gas-fired Infrared Emitters: Four (4) MEGTEC Gas-fired Air Flotation Units:	1.6 million BTU/h (470 kWh) 9.0 million BTU/h (2638 kWh)
<b>Finishing Equipment</b>	Voith Sulzer Hot Soft Nip Calender:  Valmet Super Calender:  Black Clawson/GLV Slitter/Rewinder:	6000 fpm (1830 m/min) max Two (2) nip, Pressure 2870 pli (500 kN/m) max Surface Temperature: 450°F (232°C) max  3500 fpm (1070 m/min) max Four (4) nip Super Calender, One (1) nip Hot Soft Calender Nip Pressure: 2500 pli (440 kN/m) max Surface Temperature (max): • SuperCal 300°F (150°C) • Hot Soft 400°F (205°C)  2500 fpm (760 m/min) max



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