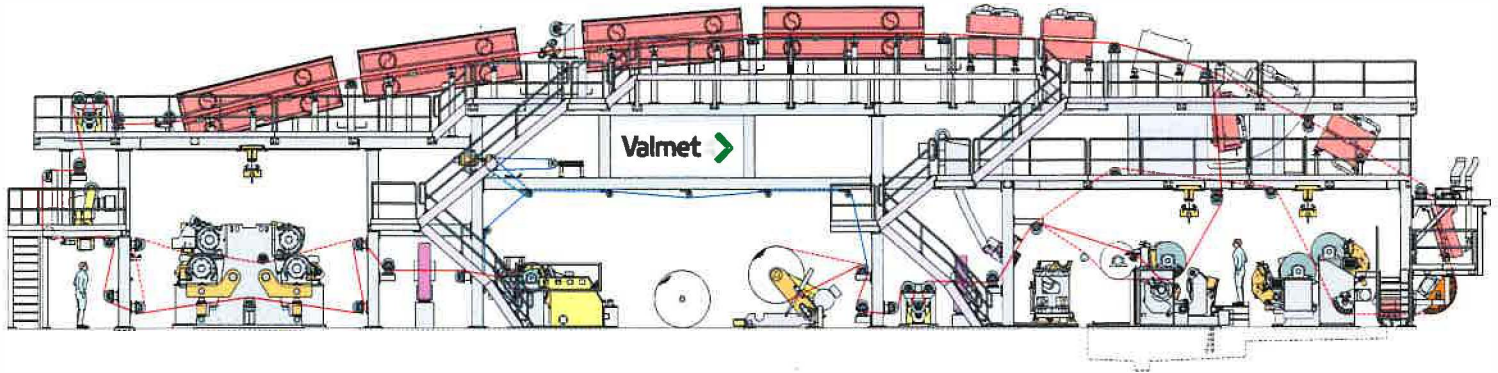


QIG PILOT COATER
TROIS-RIVIÈRES, QUÉBEC CANADA



CIC PILOT COATER
TROIS-RIVIÈRES, QUEBEC CANADA

GENERAL INFORMATIONS

SENDING MATERIALS TO CIC, TROIS-RIVIÈRES

In order to receive the paper rolls and chemicals for your trial correctly, they should be identified with the trial number.

For chemicals that are frost sensitive, the customer must inform his forwarding agent to prevent transportation and warehousing problems. If the product is shipped in totes, the outlet should be a 2 inch NPT connection.

The Centre International de Couchage trial manager should be informed of the estimated date of arrival, the quantity and transportation information for the paper rolls and chemicals at least 7 days prior to the trial.

The customer is to pay transportation costs related to all materials for the trial (freight, container unloading, customs clearance, forwarding, etc.) as well as all re-shipping charges related to the trial.

TECHNICAL SPECIFICATION

AUTOBLADE Roll applicator (flooded nip)

Loading	Constant tip angle loading with fixed blade support
Blade beam angle range	15° - 65°
Blade tip angle	0°, 30°, 40° & 45°
Blades available	0.305 mm (0.012 in) 0.381 mm (0.015 in) 0.457 mm (0.018 in) 0.508 mm (0.020 in)
Rod doctors available	Smooth rods (12, 15, 20, 25 & 35 mm diameter)
Grooved rods (12 mm diameter)	
Air Knife	Final product is 22 inches wide Up to 425 mbar air pressure

OPTIBLADE Short dwell application coating head

Blade beam angle range	47° - 55°
Loading	Pneumatic pressure bar
Blade tip angle	40° & 45°
Blades available	0.305 mm (0.012 in) 0.381 mm (0.015 in) 0.457 mm (0.018 in) 0.508 mm (0.020 in)
Color circulation volume	310 l/min
Baking roll	1000 mm diameter, rubber cover (Variokote) (55 P&J)
Applicator roll	600 mm diameter, rubber cover (25 P&J)

OPTISIZER (Metering Size Press)

Type	Single or double sided film transfer coating head
Surface size-pigments-coating	0, 5, & 15 g/m ²
Solids contents	1 to 72%
Film metering	Smooth rods (15, 20, 25 & 35 mm diameter)
Grooved rods (10 mm diameter)	
Rod rotation speed	40 to 300 rpm
Film transfer rolls	990 mm in diameter, 35 or 45 P&J X-mate X Polyurethane
Nip load	max 55 kN/m (315 PLI)
Color circulation volume	310 l/min

IR DRYERS Pre-coater electrical IR with reflector, 5 rows @ 336 KW/m.
0 to 100% continuous variable control of output

AIR DRYERS Four units of 4 meters each (13 ft)
Maximum temperature 305°C (581 °F)

Additional services available at CIC

- Coating color make downs
- Dispersion curves
- Black glass draw down for optical comparison
- Laboratory coating make downs for specific testing and CLC
- CLC trials (Cylindrical Laboratory Coater)
- 2 nip laboratory calender
- Adams wet rub
- Sheffield smoothness
- Gurley porosity
- K&N
- Croda