Coating:

- Slitter/Rewinder:
  - Maximum roll width 43”
  - Five (5) slitters, 60” max diameter

Coating Kitchen:

- Three tank system for continuous starch makedown via AP, enzyme or steam conversion
- Three blend tanks with axial flow impellers, jacketed and temperature controlled
- Three high shear dispersion mixers with exhaust

Coater Equipment:

**Applicators:**
- Metering size press (MSP/film press), simultaneous two-sided
- Pond size press, inclined
- C1S — Roll applicator (flooded-nip), LDTA
- C1S — Short dwell applicator, SDTA
- Airknife

**Metering:**
- Rigid or bent blade in a large variety of sizes
- Rods — grooved or smooth in a large variety of diameters and grooves

**Calender:**
- In line
- Default set-up three-nip hot-soft, one-nip steel-to-steel
- Four hot-soft nip also available
- Steam moisturizer available pre Calender

**Unwind**
- Two motorized
- Shaftless
- Core sizes — 3” (75mm) ID, 4” ID or 6” ID
- Roll size limit — 60” (150mm) diameter and/or 3750 lbs (1700 kg)

**Remoisturizer**
- Water and steam are used to add moisture into the sheet before the calender (optional)

**Calender**
- In line, use with or without coater
- Default set-up is three hot-soft nips and one steel-to-steel
- Optional four hot-soft tips also available
- Nip pressure up to 2500 PDU (438 kN/m)
- Temperature up to 500°F (260°C)
- Roll heating by hot oil internally and induction externally
- Soft cover Durometer 90 Shore D

**Reel**
- Surface winder
- Shafted 6” ID core
- Roll size limit 72” (1820 mm) diameter and/or 8,000 lbs (3630 kg)

**Rewinder / Slitter**
- 40” (1000 mm) max. width
- Five slitters
- 60” (1500 mm) max. diameter out

**Scanner before Calender**
- Measures moisture and basis weight

**Air Floatation Dryers**
- Two zones
- Total length 38’ (11.5 m)
- Nozzle velocity range — 4,000 to 14,000 fpm (1220 to 4270 m/min)
- Temperature up to 450°F (232°C)

**Infrared Dryers**
- Five natural gas fired
- Each unit 24” (610 mm) MD length
- 576,000 BTU/hr (170 kW)
- Temperature up to 1800°F (980°C)
- One preheats basestock
- Four (two pairs) after coater/size press

**Remoisturizer**
- Water and steam are used to add moisture into the sheet before the calender (optional)

**Size Press/Coater**
- Pond Size Press — inclined
- Metering Size Press
- C1S Coater — Short Dwell
- C1S Coater — Applicator Roll
- Blade — Beveled or bent
- Rod — smooth 12 T, 20, 25, 30 and 35 mm, diameter, grooved 1/2” diameter
- Airknife
- Air turns used in size press modes