

- Line Speed: 700 FPM – 1200 FPM
- Header Flows: 1400 GPM – 2350 GPM
- Header Area (prior to headbox):
 - Starting: 78.54 sq.in. (10" round)
 - Ending: 60.12 sq.in. (rectangular)
 - Header Length: 80"
- Header Pressure: ~5 psig
- Headbox Header Area
 - Starting: 60.12 sq.in. (rectangular)
 - Ending: 7.31 sq.in. (rectangular)
- Headbox Consistency: 0.15% - 0.30%
- Headbox Recirculation: assume 10% by volume
- Fiber: 70% Southern softwood
- Fiber Length: 2.5 – 3 mm (maximum)
- Existing Diffusor Block Hole Diameters x Length:
 - Stage 1: 0.458" x 1.79"
 - Stage 2: 0.970" x 2.84"
 - 0.10" countersink
- Block Length: 92.375"
- Block Width: 4.73"
- # Holes (original) = 228 (54 per row)
- Holes are offset
- Hole spacing ~2 5/8"
- # Holes (current) = 114
- # Rows (original) = 4
- # Rows (current) = 2 (inner rows plugged)
- Throat Roll Diameter: 5.12" (130 mm)
- Throat Roll Speed: 40 RPM
- Throat Roll 40% Open Area
- Slice Roll Diameter: 8.66" (220 mm)
- Slice Roll Speed: 15 RPM
- Slice Roll 50% Open Area
- Slice Roll narrowest land area = 5 mm
- Pond Velocity: 0.538 ft/sec
- Slice Width: 92"
- Headbox Pressure: 28" to 38" WC