

DESIGN DATA

Machine No..... 10

Operating Speed..... 1000 FPM

Design and Balance Speed..... 2000 FPM

Future Speed..... 1500 FPM

Wire Width..... 173"

Trim at Couch..... 160"

Trim at Reel..... 155"

Raw Stock Basis Weight..... 38.8 to 82.8 #/3300 Ft. 2

Design Grade Mix and Speed.....

BW	Speed
35 Lbs.	1000 FPM
60 Lbs.	1000 FPM
70 Lbs.	920 FPM
80 Lbs.	820 FPM

Headbox Consistency..... .55 to .7%

Flatbox Water Consistency..... .355

Ash Content (at Couch)..... 7 - 10%

Ash Content (at Headbox)..... 30 - 35%

Stock Furnish.....

25% HW Bleached Kraft
35% SW Bleached Kraft
40% Reclaimed Bleached Coated Paper

Tray Consistency (Average)..... .275 to .300

Dryness at Couch..... 20 to 25%

Dryness at Dryers..... 42%

Fourdrinier Length..... 44'-6" Centerline Breast

Roll to Centerline Forward

Drive Roll

Wet End pH..... 4 to 5