

META-Automation

C-Frame Application Heavy Paper 120 - 280 gsm

Paper Machine Manufacturing for heavy Paper from recycled materials. The Application consists of the Measurement of Basis Weight, the Moisture in scanning Mode dividing the web in 64 Data Segments (Cross-Direction) and Profile Calculation, the Control of Basis Weight over Thickstock-Flow in Set Point Control (SPC)-Mode and the Archiving/Retrieving of the Measurement.

Technical Data

Basis Weight Measuring Head : Kr-85, 200 mCi
 Moisture Measuring Head : Infrared Radiation
 Machine Speed : 300 m/min

Ambient Conditions

Harsh industrial Enviroment, dusty, Ambient Temperature up to 45 oC

Configuration

Scanning Frame : C-Frame Constuction, automatic scanning between Photocells
 System : Main Enclosure (IP54), industrial PC, Printer, Control Valve, external PID-Controller, Communication ProfiBus-DP

