

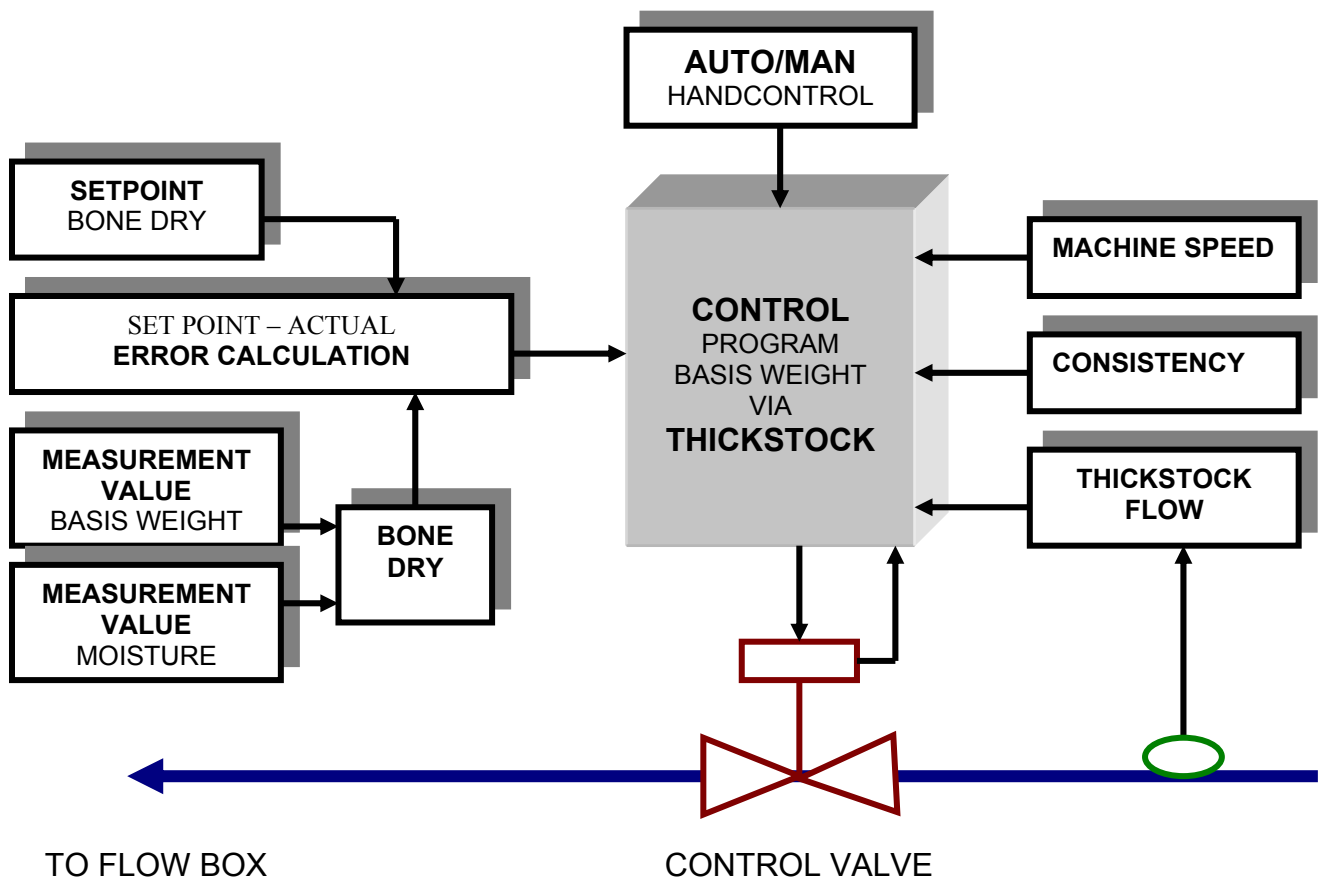
BASIS WEIGHT CONTROL VIA THICKSTOCK-VALVE

METHODE OF OPERATION

For the basis weight control the measuring values of basis weight and moisture are used. The system determines from these parameters the bone dry weight. The calculated bone dry is compared with the target value for the control as it is inserted by the personnel at the machine. The system converts the deviation of basis weight from the target in control signals which operate an electro/pneumatic thickstock-valve.

The thickstock as control parameter will be adjusted in a way to keep the basis weight constant at the aim value.

Variations in machine speed and consistency values are treated in the control strategy as disturbances and contribute in that manner in control optimization.



CONTROL OF BASIS WEIGHT VIA THICKSTOCK-VALVE