

## LAYER CONTROL BY FORMER MACHINES

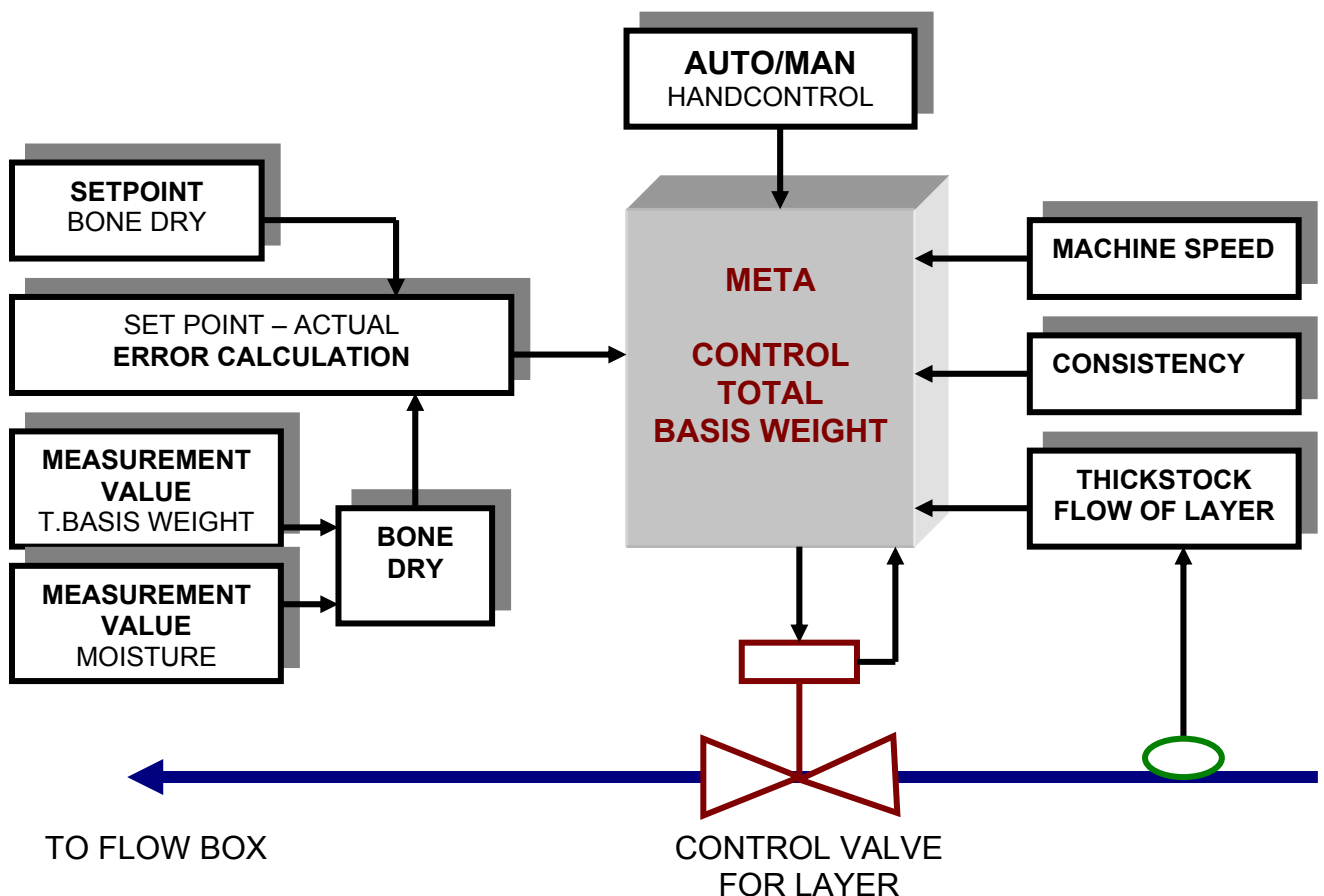
### METHOD OF OPERATION

The control of the total basis weight by former machines can be realized by two different methods :  
By the first method the layers are controlled proportionally to a fixed proportion to each other. In that manner the total basis weight control regulates each different layer to a predefined proportional level.

By the second method the total basis weight is controlled by the regulation of one (usually the cheapest) inner layer. The basis weights of the other layers are then regulated to fixed predefined values.

The thickstock flow values and therefore the target basis weight value of any different layer is held constant through calculation of the total mass balance.

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



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