

Specification for Wieghfeeder controller

Maximum Feed Rate	: upto 85 TPH
Accuracy	: 0.5% of Full scale reading
Display	: Back lit LCD Display
Display Parameters	: Belt Calibration (Zero & Span), Feed Rate, Totalised Feed, Belt speed, Load on belt, Set point
Function setting	: By membrane switch
Input	: load Cell Type Z6FC3, Capacity : 50 Kg, Output: 2mV/V, Exitation Voltage : 5 to 12Volts
	: Speed Sensor (Prox. type) 2 Wire 12 Volt, Diameter: 6mm, Sensing range : 2mm (offered system should either support this Sensor or suitable sensor shall be supplied along the controller)
Output	: 4 to 20mA corresponding to feed rate
Supply Voltage	: 230V AC
Model	: TUC # 6 or equivalent

Note : The Controller shall indicate feed rate (Based on belt speed and load on belt) and generate corresponding 4 to 20mA signal for the USER's PLC. USER's PLC will generate a control signal which will control the speed of the belt through VVFD.

