



Industrial Weighing Systems

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Food Waste Monitoring Scale

The Rice Lake 920i controller is the heart of Industrial Weighing Systems package to track food waste dumped to an outside bin. We can work with your waste company in the construction phase or in most cases add our weigh scale components to your existing dump station.



The controller tracks up and down weights to calculate the dumped weight for every cycle. The dumped weight is then added to an accumulating displayed total on the controller. When the accumulated weight reaches a defined Set-point the scale will e-mail your waste company. E-mails are updated every 2 hours with the current accumulated total and sent hourly when a higher total is reached. A few contact inputs to the 920i detect a complete dump cycle as well as when the bin is removed to reset the accumulated weight.

Monitor waste from 200 individual areas of your plant.

Since every cycle is monitored the program can save weights for individual defined areas. Your operators would key in a numeric ID to automatically start the dump cycle. At the end of the cycle the dumped weight is added to the selected areas total. At the end of a shift or daily the individual area weights are e-mailed along with the shift total.

Every dump cycle is saved to a USB memory stick as a backup for data retrieval should your network be down.

Tracking areas is a valuable tool for indicating production problems and applying costs to production departments.

The program can be easily modified to meet specific customer needs.

More than 1 scale can be connected to monitor more than one dump station.

Often along with food waste bins are corrugate and garbage compactors.



A pressure cell can be added to the compactors hydraulics to monitor peak pressures. The program ensures the pressure is maintained for a defined time to be sure it is not an intermittent spike, this high pressure gets added to a cycle count. When 3 successive cycles have hit high pressure an e-mail is sent to your waste company indicating which bin is full.

Contact Industrial Weighing Systems for all your weighing needs or additional information on waste tracking.