

## Unique Sensi-Dry™ Weigh Dryer

### The First Weigh Dryer with New Man-Machine Interface

The Sensi-Dry weigh dryer from Comet senses the weight of the drying hopper and its contents. This capability greatly reduces scrap rates and improves quality by providing operators with the greatest control in determining material usage and residence time.

The drying hopper is mounted onto load cells and an Allen-Bradley controller periodically polls the load cells for weight information, determining the rate at which material is being removed from the drying hopper based on the readings.

This capacity to control the feed rate into the drying hopper, virtually eliminates material degradation by ensuring material does not remain in the hopper for an extended period of time.

The controller also monitors and records process data, measures material removal rate, displays, records and stores data elements including material usage, temperature profile, as well as resin usage/hour for all individual processing machines.

#### Man-Machine Interface

Windows® 95/98-based interface allows operators to set and adjust parameters of both the dryer and conveying system, including load time and enable/disable dryer fill, without leaving their desk.

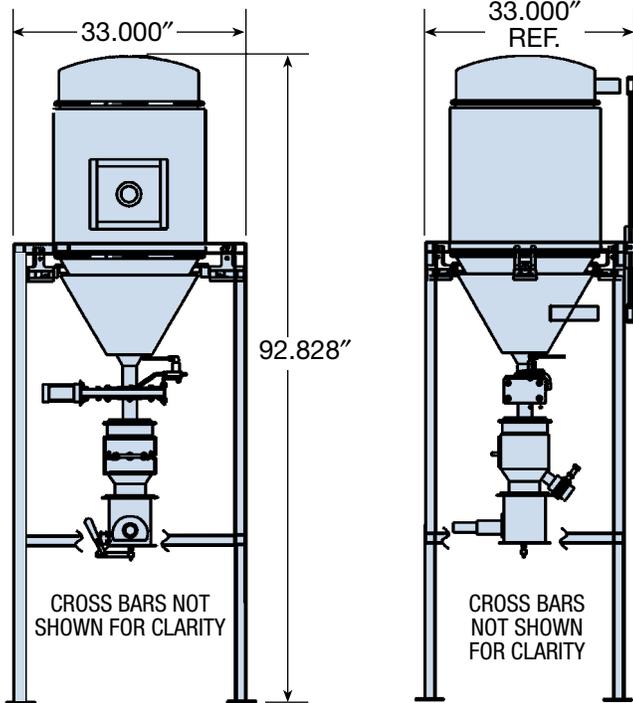


The interface provides virtually unlimited storage of process data on a standard PC and enables users to customize reports, print charts and graphs of material usage, dryer temperature, dewpoint, etc.

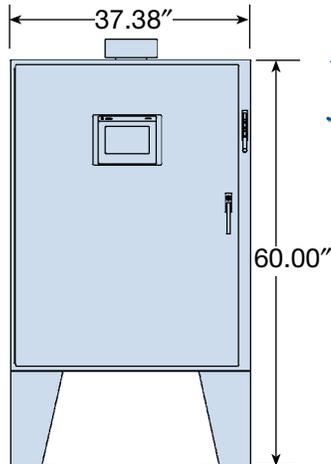
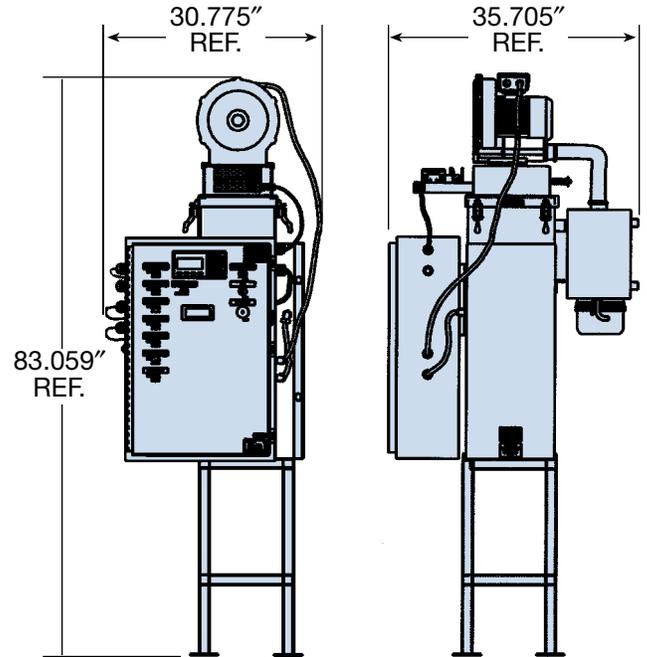
#### Other Features:

- Stainless steel insulated hopper for corrosion-free drying.
- CL-1 vacuum receiver mounted on drying hopper, controlled by the weigh system.
- Material line clearing valve.

## Drying / Weigh Hopper



## Desiccant Dryer



## Allen-Bradley Control for Weighing & Conveying

Above are only an example of one model of Weigh Dryer.  
Any combination of 3 drying hoppers or dehumidifiers  
can be used with the Allen-Bradley controller.

*We reserve the right to change dimensions, technical data, and specifications without prior notification.*

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