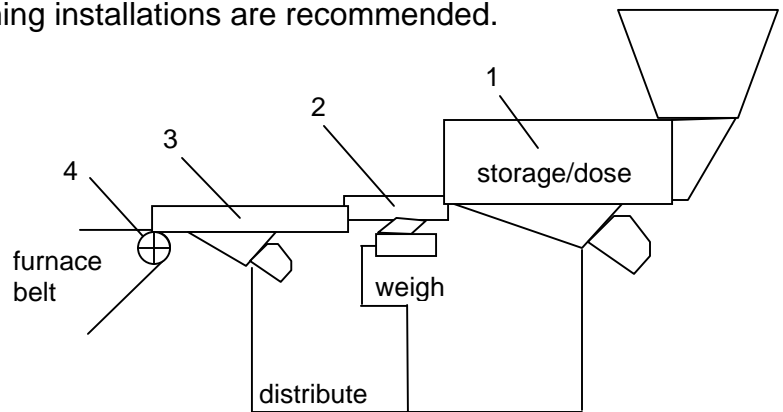


## Loss-in-weight Feeding

### Task:

Continuous charge of a furnace belt at a consistent feed rate was required. In order to maintain an economic and reproducible material flow in continuous thermal treatment lines, full automatic dosing and weighing installations are recommended.

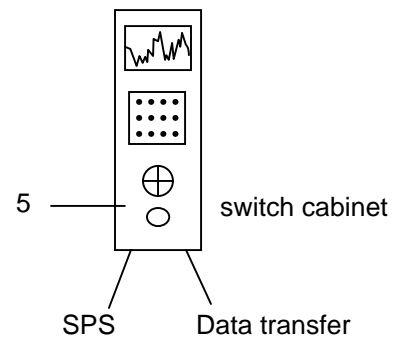
Product: Screws  
Capacity: 500 kg/h  
Dimensions: 10' x 65' – 15' x 400'  
Temperature: +68° F  
Product Characteristics:  
Easily transportable



### How it works:

The product is stored, discharged and weighed in pre-selected charges. These charges are equalized and fed to the furnace belt.

The conveying capacity and cycle time are put into the dosing computer (5). The dosing feeder/storage feeder (1) doses the material in a cycle in rough and fine flow onto the weighing feeder (2). When the charge weight is reached, the storage feeder stops. The weighing feeder then starts and supplies the downstream distribution feeder (3).



Feeder 3 spreads the material equally over the entire width of the furnace belt (4). The exact front tension of the furnace belt is measured and all data is documented with each load and printed by the measurement printer. The dosing process automatically stops after the last charge is supplied.

An additional interface for exchanging data with a process computer, or the process computer itself can be supplied if required.

Contact JVI to discuss your loss-in-weight feeding application.