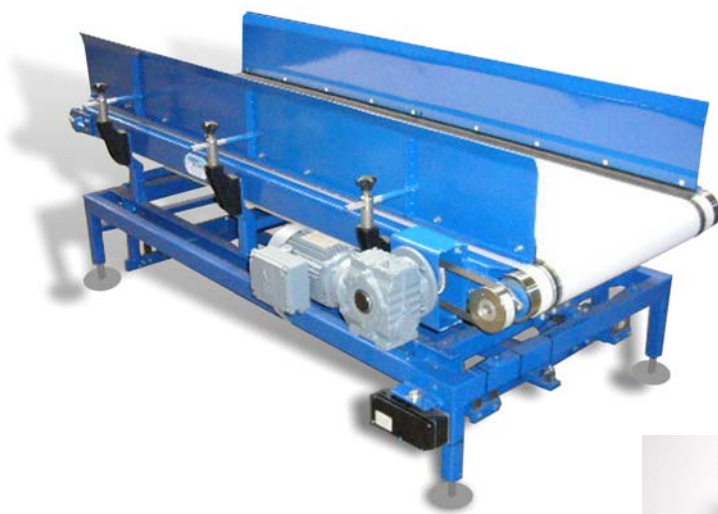


weighing
dosing
checking
registration
communication


Servo Berkel Prior
Unified Weighing Solutions



Our product lines for a custom made dosing system!

Professional Dosing systems

Dosing Systems

Servo Berkel Prior specializes in engineering and manufacturing of different types of weighing machines. They find frequent and world wide application in many branches of industry.

For over 70 years Servo Berkel Prior produces standard and dedicated systems for the weighing and dosing of products into a factory process

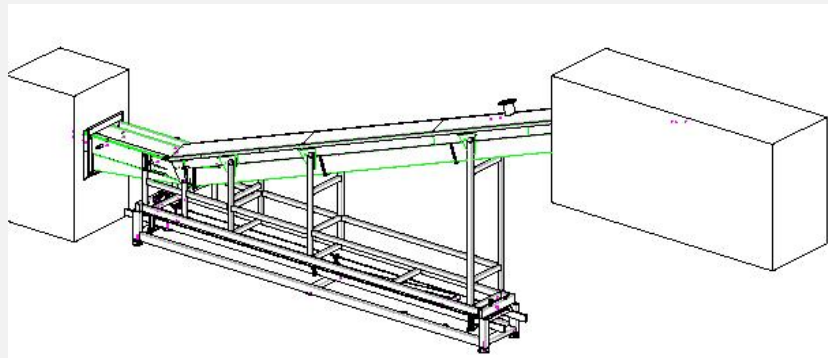
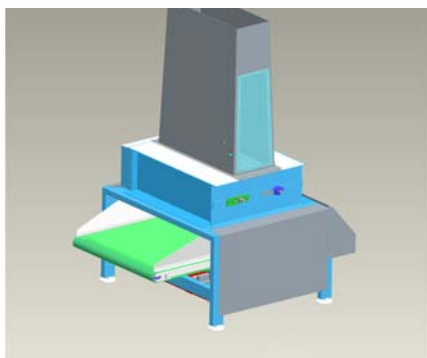
Fully- automatic Dosing Systems for the dosing of products into a factory process, like withered tealeaf into an drying oven, granulates into an extruder, soya meal into a mixer etc.

Withered tealeaves have a tendency to stick together thus forming some sort of tea-crust, which makes it very difficult to weigh and dose them the following step in the process.

The controlled dosing is achieved by means of two rotating rollers mounted in the supply hopper to the weighing conveyor belt, the rollers breaking the tea-crust, which results in a more or less constant flow of tealeaves. The distance between the rollers can be adjusted and the rotation speed can be varied by means of a frequency controlled electromotor.

The capacity of the installation is controlled by the product flow out of the storage hopper in combination with the conveyor speed on the weighing scale. The combination of weighing the product and dosing speed gives the required product flow in the hour.

- Adjustable capacities up to 6000 kg per hour
- Accuracy about $\pm 1\%$
- Dimensions of the weighbridge frame with the motor driven conveyor depends on the needed dosing capacity per hour
- Belt speed depending on the kind of product which must dose
- The installation is provided with a Servo Balans Weighing and Process Indicator Model SB-3460 or SB-69000. The special software in this weighing indicator gives data such as setpoint flow rate per hour, the actual flow, the accumulated kg's of product and the conveyor speed. Other data can be obtained on request (optional)
- The communication ports on the weighing indicator (RS232, RS422, (or optional Profibus or Ethernet)) can be connected to a data printer or PC. This makes it possible to get a print-out of data

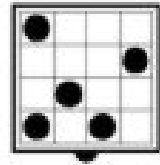


Professional Dosing systems

Dosing Systems



Quality guarantee



Some other references



Professional Dosing systems

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