Objectives of the project:

Topping on dessert pots (Ø 70 mm)

- 3 qualities of ingredients: Cocoa, ground nuts, and grated coco
- Powdering of ingredient on a round surface, with no dust on the pot
- 10 simultaneous doses per cycle
- 20,000 dessert pots per hour
- 2 g of ingredient per dessert
- Accuracy requested: +/- 10%
- Dosing time below 1 sec

Solution:

- Multi-heads feeder with 10 dosing outputs
- Width: 750 mm
- With the same configuration of the feeder, it is possible to switch to a new ingredient.
- The system, designed according to GMP rules, is integrated on a “C” shape movable trolley, to facilitate cleaning operation.
- The feeder is used on different production lines, as the level of dosing heads is adjustable.
- Thanks to pre-commissioning by the manufacturer, the feeder was on stream in one day.
The fine art of fine dosing

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