

Brabender Technologie

MicroBatch Scale

MICROBATCH SCALE

The Brabender MicroBatch Scale utilizes a low capacity precision load cell for automatic gain-in-weight batching of small dry ingredient batches.

The central unit in the station is a weighed bowl. When the batch is completely dispensed by the feeder into the bowl, it tilts over and discharges its contents. The 360 degree turn and the semi-spherical shape ensure complete discharge without residue, even when particularly poor flowing ingredients are batched.



Brabender MicroBatch



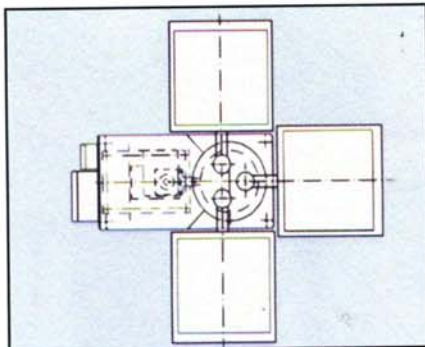
Feed Unit: Brabender FlexWall™ Feeder



Feed Unit: Brabender MiniTwin Feeder



Feed Unit: RotoTube Feeder



3 Feeders Multiple Station

Gravimetric batching of small ingredient amounts

UPSTREAM FEEDERS

The Brabender MicroBatch Scale can be combined with a variety of feeding devices including the FlexWall™, MiniTwin (twin concave screw) and RotoTube.

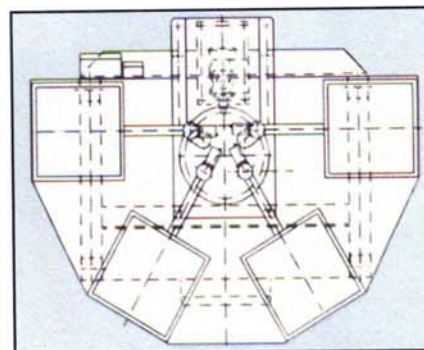
FEED STATION CONFIGURATIONS

Complete single or multiple ingredient batching stations are available including support structures and Brabender feed units with pneumatic quick closing valves directly on the outlet of the feeder.

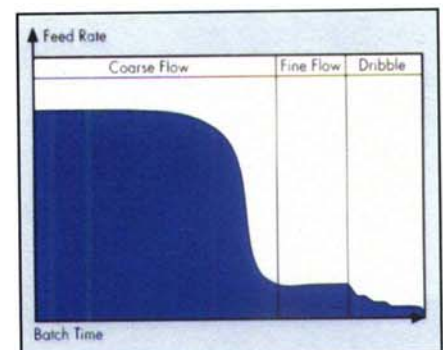
BATCHING STATIONS CONTROL

Upstream feeders are automatically controlled by the Congrav™ microcomputer controller or directly from a PLC.

High accuracy is achieved by using coarse/fine flow feeding (see illustration). Feeders which can be controlled throughout the turndown range A.R.T. (Automatic Rate Turndown) mode where feed rates are run down in a curve function from an auto-computed "turndown point" to the switch-off point. This further maximizes the batching accuracy.



4 Feeders Multiple Station



Feed Method: Coarse/Fine Flow

Leading Manufacturer of Feeding, Weighing and Discharging Equipment
with Over 50 Representative and Service Centers Worldwide

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