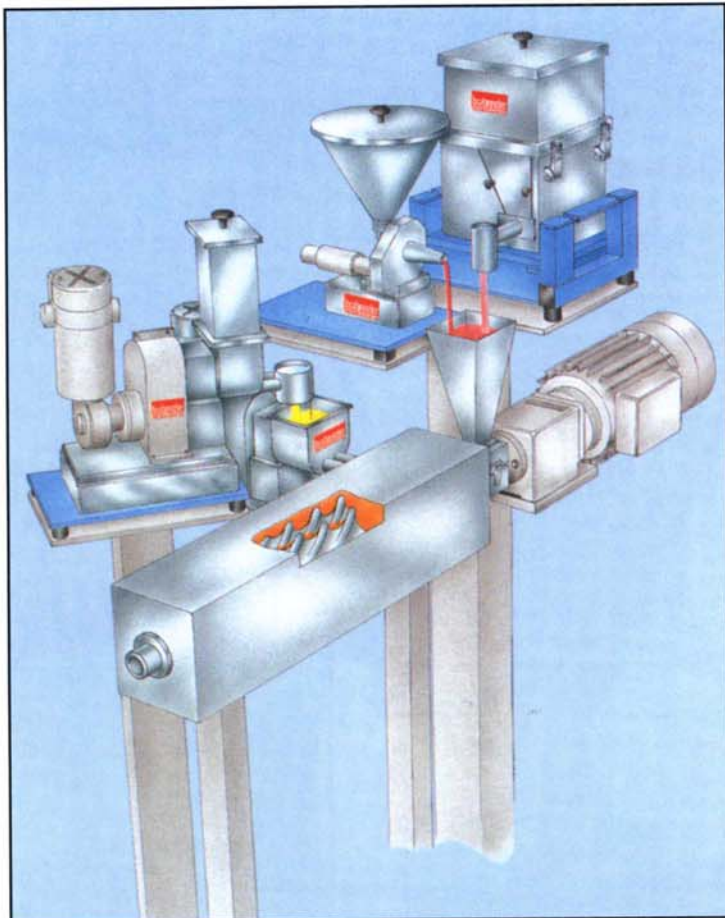
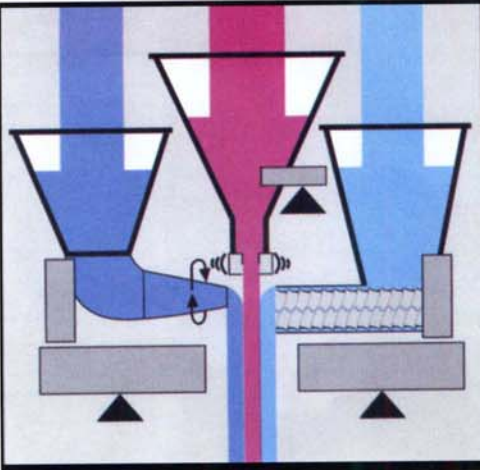


# Brabender Technologie

## Micro Feeders



Lab Size Extrusion Line with Brabender Micro Feeders

### THE CHALLENGE

Some processes or test labs require accurate feeders for dry ingredients at very low feed rates and they need to perform accurately and reliably in a production environment.

### THE SOLUTION

#### *BRABENDER MICRO FEEDERS*

#### THE MINITWIN FEEDER

The Brabender MiniTwin Feeder (12mm dia. twin screws), one of the smallest twin screw feeders in the world, feeds powders at rates as low as 50g/hr. Twin concave screws offer the advantage of self wiping. Concave screws which are double flighted have a large inlet and high screw speed. This results in a very smooth flow profile.

#### THE ROTOTUBE MICRO FEEDER

The Brabender RotoTube Micro Feeder feeds pellets and fine-grained ingredients down to a minimum feed rate of 30 g/hr. The feeding method is based on a rotary tube with internal particle guidance. Individual pellets can be dispensed one after another.



MiniTwin on Platform Scale P2-MT-6



RotoTube on Platform Scale P1-RT-1.3

# Brabender Micro Feeders



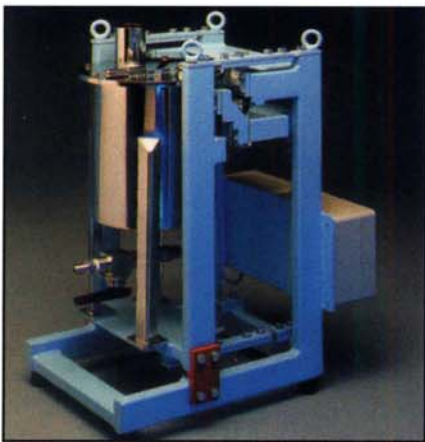
One Inch Vibrating Tray Feeder

## THE VIBRATING TRAY FEEDER

For heavy powders and 1/8 inch chopped glass feeding Brabender offers ideal gravimetric feeding solutions with special vibrating trays (1 inch wide tray), flat or V shaped.

## THE LIQUID LOSS-IN-WEIGHT FEEDER

Liquids are fed at rates of 20 grams per hour by gravimetric Micro Liquid feeders.



Liquid Feeder

## THE FEED CONTROLLERS

The extremely low rate feeders from Brabender require the high resolution capability (1: 1,000,000) of the IDL-F load cell achieved with the control from Congrav™ controllers.



Fast Deflectionless Weighing: IDL-F and Frame Scale combine for immediate response, 8/1000 inch movement from full to no load.



Congrav™ LM/3



Congrav™ S

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

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