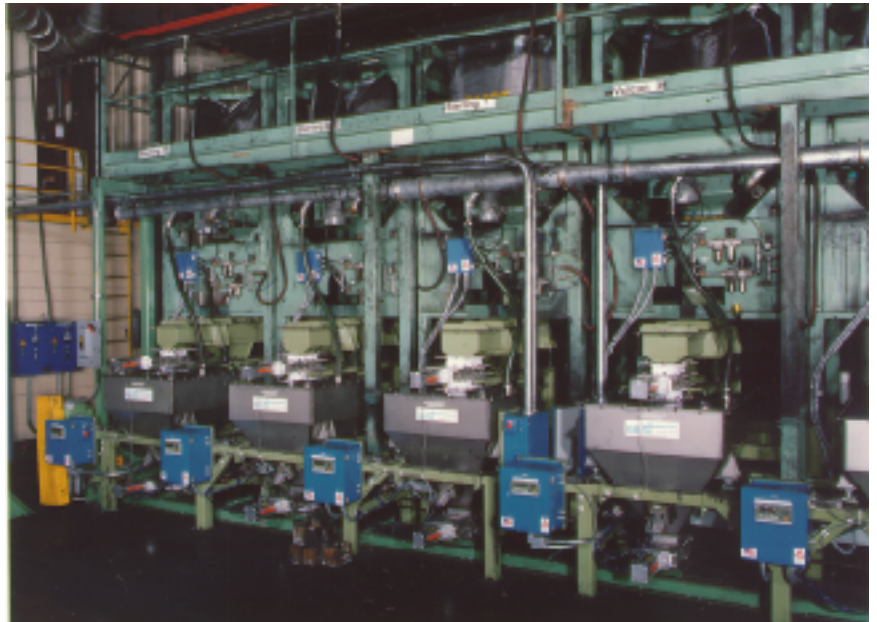


# Seven Ingredient Carbon Black Automatic Batching System

Seven (7) types of carbon blacks are simultaneously fed into individual weigh hoppers. Vibratory Feeders meter product into 16 cu. ft. Net Weigh Hoppers supplied with air-operated fast acting Roller Slide Gates.

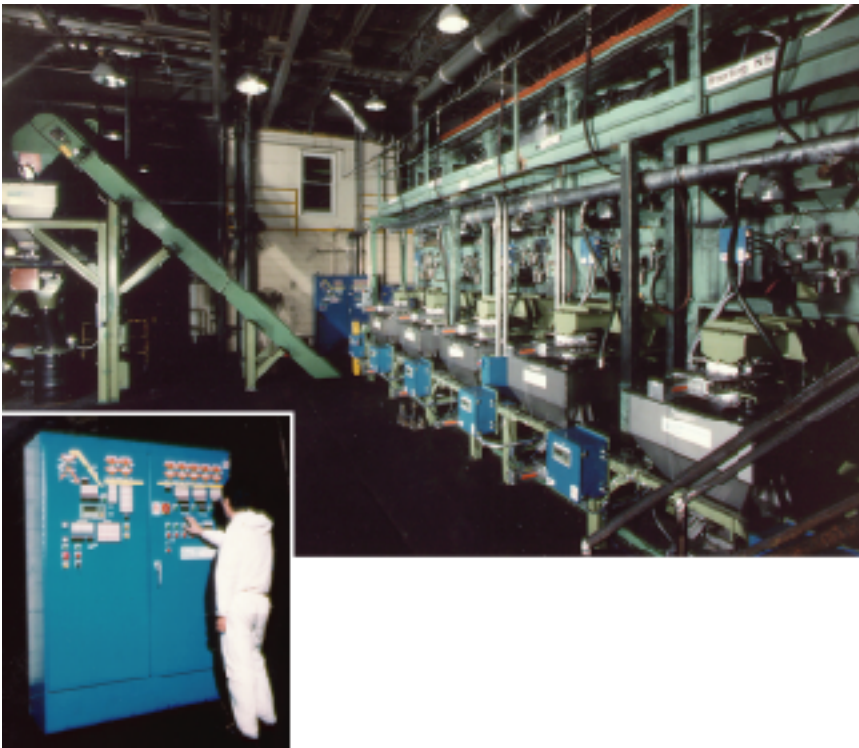
Upon discharge, a Quiet Single Impactor Pneumatic Vibrator cleans the Weigh Hopper, before the gate closes.

The batch is then transferred by Belt Conveyor to a 16 cu. ft. confirmation (check weigh) Hopper where the final weighment is either accepted or rejected. Accepted batches go directly to the Banbury mixer. If a batch is out of tolerance it is rejected via a Pantleg Diverter into a portable storage container at floor level.



Target batches can vary from approximately 30 to 600 lbs., with final batch accuracy at +/- 0.5 lbs. Design feed rate is approximately 200 lbs. per minute with a product bulk density of 40-50 PPCF.

The Seven Ingredient Automatic Feed System is fully computer controlled via a Multiple Recipe Storage System. Loading of the product into the system is via bottom discharging 2,000 Lb. bulk bags, which are quickly unloaded into the process stream, via B.E.S.T.'s MTU Air Cylinder-Activated, Bulk Bag Unloaders. The total modular turnkey system was assembled and tested, component by component, on B.E.S.T.'s floor prior to final shipment.



*For additional product information, please contact us at . . .*

[sales@bestvibes.com](mailto:sales@bestvibes.com)  
[www.bestvibes.com](http://www.bestvibes.com)

## B.E.S.T. INC.

1071 Industrial Parkway North • Brunswick, Ohio 44212  
(330) 273-1277 • 1-800-827-9237 • FAX (330) 225-8740