



 **INDUSTEC**
A JR CONTROLS COMPANY
GRANULAR SYSTEMS

WE MAKE IT EASY

Easy to Customize

Our standard dispenser, available in several configurations, will adequately meet the requirements of most applications. If not, we are able to modify our system to meet your specific needs.

Custom Hardware

INDUSTEC can customize your system to suit a wide variety of special operations. For instance, large chambers can be used for high volume operations while small chambers can be employed in operations requiring more accuracy.

Custom Programming

Our In-house controls team allows us to customize the functionality of machines for the specific needs of our customers.



Easy to Install

Shipped fully-assembled, wired, and tested from our factory, the system requires only electrical, compressed air, and discharge line hookup with minimal on-site assembly.



Easy to Maintain

Down time is very expensive so our system has been designed to require a minimal amount of maintenance. When it is required, our design makes it as easy as possible to perform.

- The machines do not feature many proprietary parts.
- The controllers, valves and such are all made from standard components readily available in the after-market.
- If an emergency should occur we stock a full line of parts ready for next day delivery to your plant and can provide remote access support – no on-site field service required.

Easy to Operate

From initial setup and formula entry to automatic run during production, the Touch Screen interface has been programmed to make it easy for production personnel to use the system and monitor performance.



GRANULAR SYSTEM SPECIFICATIONS

Key Advantages

- Multi-Speed feeding for improved accuracy
- Ability to customize hardware per customer request
- Manufactured with non-proprietary parts for easy sourcing and replacement
- All machine programming done in-house
- Remote technical support standard
- All machines fully assembled and tested prior to shipment
- Modular construction simplifies installation
- Ability to modify size/dimensions of machine to fit low clearance or limited space

FEATURES

Weight Resolution	0.02 lbs. or better
Number of Blends	4 per mixer
Number of Formulas	1,000 or more
Formula Names	Customer defined
Number of Base Colors	4 standard – up to 8 colors optional
Color Names	Customer defined
Batch Capacity	0.10 lbs. to 80 lbs.
Max Discharge Distance	150 feet or more
Multi-Mixer Operation	Optional
Space Requirements	14' high x 18' wide x 48" deep (Standard 4-color system)

CONTROL SYSTEM

Control	Automatic or manual
Control System PLC	Allen-Bradley or Automation Direct
Control System Display	Color touch screen
Alarms	Audible and visual Local and remote
Inventory Controls	Amount used (per color) Amount available (per color) Amount available warning

POWER AND AIR

Electrical	120VAC, 50/60 Hz, 15a
Electrical Protection	Circuit breakers
Air Requirements	Approximately 50cfm @ 100 PSI Clean, dry air
Dust Collector	Recommended



AN INDUSTRY LEADER SINCE 1986 WITH
MACHINES OPERATING WORLDWIDE.

VERY LOW PROFILE

Height (including pigment supersack racks) – less than 14 feet.

14'
HIGH



48"
DEEP

18'
WIDE

UP TO SIX COLORS

Normally configured to draw from four pigment sources.
Optional 5 or 6 source configuration is available.



FEATURES

Multi-Blend Operation

The operator can load up to four blend formulas for each mixer serviced by the Easy Blend GDS.

Multiple Fill Rates

INDUSTEC's unique metering system combines fast fill rates with very accurate results. The bulk of the material is added in fast fill. As the fill target is approached, the fill rate is reduced so that the last small amount of pigment is added very precisely.

Control System

The dispenser control system incorporates an industrial rated PLC and touchscreen display. The pre-mounted, pre-wired control panel is designed to stand up to harsh plant environments.

Accessible Feeders

The hinged lids of our Easy Blend vibratory feeders allow them to be easily opened for inspection.

Pressurized Discharge

The pressurized discharge enables the batching chamber to be rapidly emptied to mixers at distances of up to 150 linear feet.

Remote Signals

The dispenser accepts remote fill and discharge signals from a host machine and signals the host when fill and discharge cycles are complete.

Inventory Control

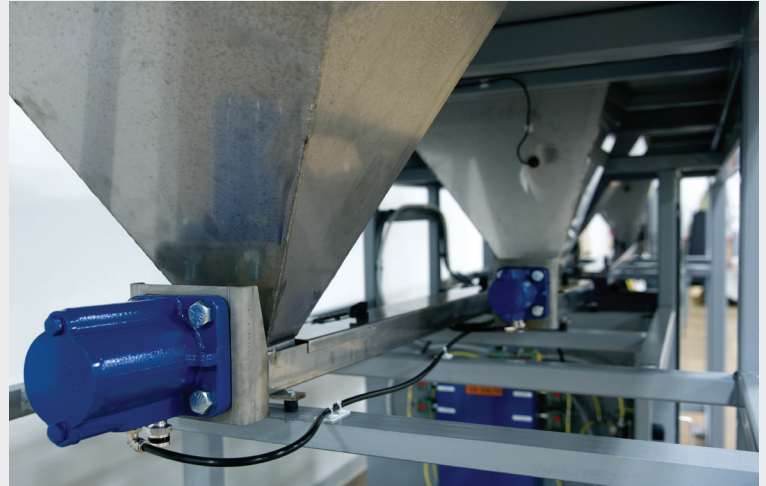
System totals the weight of all pigment dispensed in automatic mode, as well as amount remaining in the source super sacks. The system will alert operator when pigment available drops below an operator-set minimum. These total weights can be viewed, printed, or reset as desired.

Access Codes

Owner selectable access codes are available, if desired, to protect sensitive areas of dispenser functions.

Touchscreen Display

All system functions and parameters are accessed by simply touching the NEMA 4 rated touchscreen display. This display is protected from pigment, dirt and screen wear by an inexpensive, easily replaceable screen shield. The touchscreen display can be mounted remotely in an operator console.





SPECIALISTS IN PIGMENT BATCHING
EQUIPMENT FOR THE CONCRETE
MANUFACTURING INDUSTRY SINCE 1986.



Granular Systems



Liquid Systems



Container Filling Systems



Batch Control Systems

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