About Our Company

Plastrac Inc.™ provides metering and blending machinery that is innovative, precise, easy to use and it saves you money. Our products are designed for injection molding, extrusion and blow molding applications. We stand behind our products and support our customers.

The Auto-Disc™ Feeder

The Auto-Disc™ feeder is a modular unit capable of metering pelletized or granular bulk materials over a wide range of throughputs. The Auto-Disc™ feeder is available with three different static mixers. This flexibility optimizes your system’s performance.

Auto-Disc™ feeders can be easily interchanged between any configurations and can accommodate any feeding disc.

The Auto-Disc™ hopper system is designed for fast color change without tools. The self-sealing top unit allows users to simply swap top units without shutting down the press or extruder.

Auto-Disc™ Static Mixer Options

**Flood-Fed Static Mixer**

In this design, the static mixer uniformly blends up to three metered components with one flood fed component. The Auto-Disc™ feeders meter material synchronously throughout the screw recovery period. There is no mechanical mixing.

**Flood-Fed Side Mount Static Mixer**

This design is similar to the Flood Fed Static Mixer. However, it allows for a heavy hopper or dryer hopper to be mounted directly over the machine throat.

**All-Fed Static Mixer with Buffer Hopper**

This design permits using up to six Auto-Disc™ feeders discharging into a rugged, transparent buffer hopper with built-in capacitance level switch. This configuration is used for off-line blending; starve fed processes and blending additional natural resins or more than 40% regrind.
Blender Controller Key Features

- Rugged 16 button sealed control panel
- 80 character, two line alphanumeric LCD display
- Interactive control software
- 250 recipe storage by name
- Event History Log
- Automatically compensates for recovery time variations
- Material throughput totalizer
- Recipe and software updates via RS232 serial port
- Auto-calibration with Gravi-Cal™
- Loader controls are built-in
- Ethernet capable
- Multi-level password protect
- Complete system costs less than $0.01/hr to operate

Gravi-Cal™ Weigh-Scale System

Each Auto-Disc™ feeder has a built-in scale that allows calibration of its disc speed utilizing the material flow properties to achieve the correct feed rate. Each feeder can be calibrated with the push of a button on the Blending Controller or set to recalibrate at intervals based upon throughput.

Modular Loading System

The Plastrac™ modular material loading system is optional on all Plastrac™ blenders. It can also be used for stand-alone applications. The vacuum loader is powered by either a 2 HP brushless motor or a 1.5 HP brush type motor. When the loading system is integrated with the Blending Controller, up to six material hoppers can be used. In stand-alone configurations, up to nine hoppers can be used. A small handheld unit controls the stand-alone system. Each material hopper contains a level sensor. Individual modular loaders can be easily added to any Plastrac™ blending system.
Contact Information

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