



ColorStream

plastrac

The
Blending Revolution
is Here!

DOWN HERE!

On the Plant Floor!!

Increases Safety

**Slashes
Capital Equipment
Costs**

**Saves Big on
Time/Labor/Energy**

**Quick
Color Changes**

Patented, ergonomic ColorStream is NOT just another cart system. It feeds additives from the plant floor in real time to blend with the main resin still being flood fed out of the central loading system. It eliminates all climbing to the top of process machinery to change canisters and perform maintenance.

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Colorstream –blending simplicity and safety

ColorStream by Plastrac reimagines traditional blending. It separates the metering of additives from the feeding of main component resins, including PET, by locating them on the plant floor. Additives are transported in real time and blended in a sturdy mixer mounted to the feed throat. This design eliminates the need to climb to the top of process machinery to swap canisters or perform maintenance.

NO CLIMBING TO CHANGE COLORS

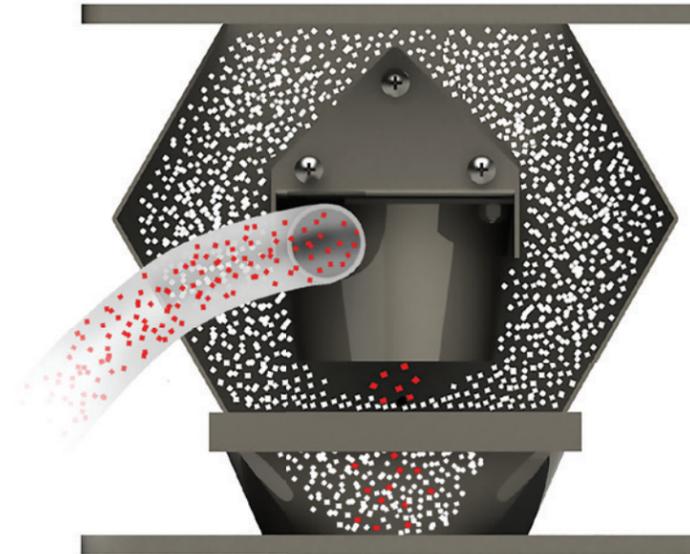
- Say goodbye to ladders, stairs, mezzanines
- No climbing to swap canisters
- Ergonomic cart based system

LESS EQUIPMENT LOWER POWER COSTS

- Simplifies blending infrastructure
- Ideal for plants with multiple machines running in excess of 2,000 lbs of material per hour
- Move ColorStream from machine to machine, then out of the way

NEARLY 100% MAINTENANCE FREE

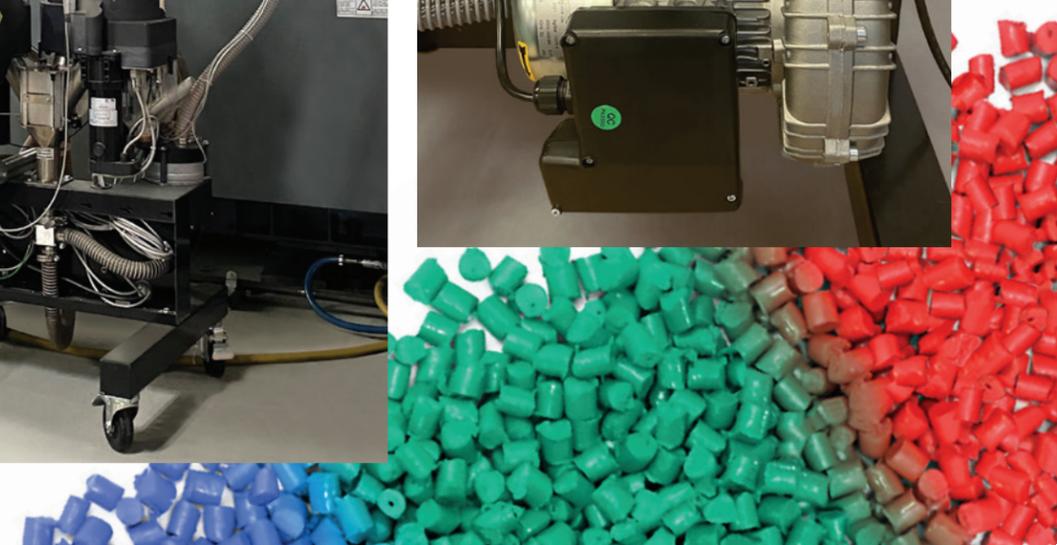
- Continuous blending via clean, low pressure, transport air
- Transport air scrubs all surfaces
- Nothing to clog; no cleaning required



ColorStream uses an exceptionally sturdy mixer mounted to the feed throat of the plastics processing machine. The top flange of the mixer typically supports the central loader receiver and buffer hopper that supplies virgin material to the process. Inside the mixer is a cyclone type receiver that separates the additives from the transport air, which is routed out of the mixer laterally. A metal screen guarantees that stray additive granules cannot escape with exhaust air.



Critical to ColorStream is a regenerative blower that delivers clean transport air, up to 4,000 feet per minute, via a plastic hose having a 1 or 1.25 inch diameter. It keeps transported granules entrained in the air stream without requiring a much larger, power-consuming blower. There are no contacting parts requiring lubrication. The blower is engineered to run continuously for years.



Whether You Are Blending 1, 2, 3, or 4 Additives, the ColorStream Footprint is the Same.

Specifications - Regenerative Blowers

GENERAL

Type: AC Motor IEC 60034
 Protection IP55: Tropicalized
 Marks: cURus, CE
 Thermal Protector: Klixon 140 O C or 1500 C (R Series)
 Poles: 2
 Max Ambient: 40° C
 Insulation Class: F
 Duty: Continuous
 Frequency: 60 Hz
 Construction: Aluminum frame
 Enclosure: TEFC

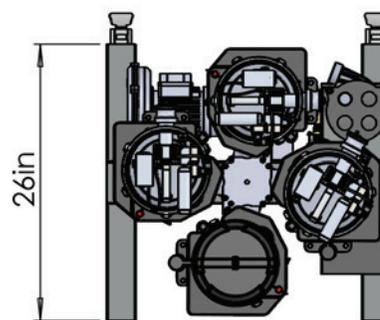
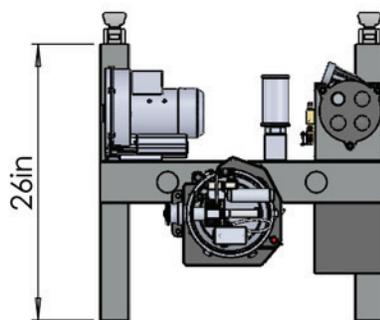
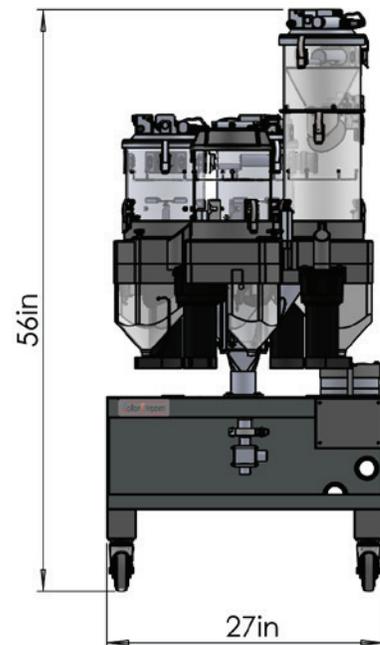
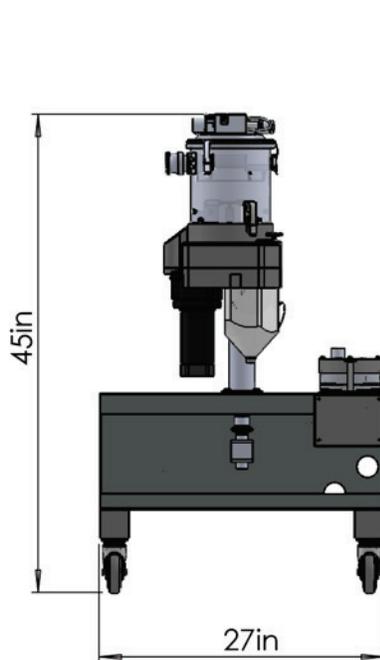
AVAILABLE MODELS

3/4 HP Blower

Additive Throughput: 250 lbs/hr
 Venturi: 1.25"
 Wattage: 0.55 KW
 Voltage: 115/208-230 (60 Hz)
 Full Load: 8.3/4.1 - 4.2 Amps
 Starting Current: 34.9/17.2 AC

1/3 HP Blower

Additive Throughput: 80 lbs/hr
 Venturi: 1"
 Wattage: 0.25 KW
 Voltage: 115/208-230 (60 Hz)
 Full Load: 3.5/1.7 Amps
 Starting Current: 12.3/6.0 AC



1-Additive System

4-Additive System

