

PULVERIZING SYSTEMS >



## COLORex™

Color Mixer

 REDUCTION

The COLORex™ Color Mixer is used to mix product in-line with a pulverizer to eliminate the typical cleanup time of a central mixer. It is designed for most polymers and for production rates up to 907 kg/h (2,000 lbs/hr). The COLORex can also be used off-line with a loader system and multiple feeders. The COLORex mixer is a great alternative to traditional high-speed mixers which are timeconsuming and costly to clean and maintain. The COLORex Color Mixer will allow the operator to color natural or virgin resins directly out of the pulverizer or from a silo. This is a high intensity mixer that will incorporate any pigment or additive homogeneously. The COLORex Color Mixer is controlled by variable frequency drive for the motor speed and 480V for the mixer itself. The loss-in-weight feeder (LWF) uses 110V. International voltages available. Spare parts are available upon request.

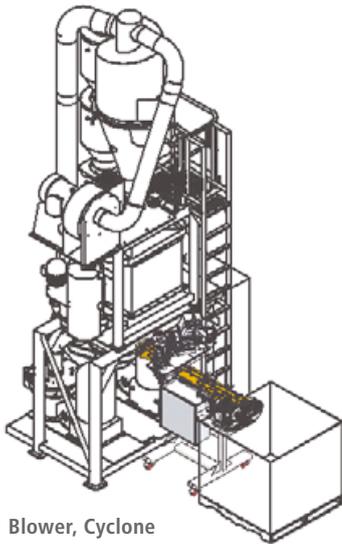
### KEY BENEFITS

- COLORex Color Mixer is portable, easily moved to alternate locations
- On Demand Color (portable, versatile)
- Eliminates Batch Mixing
- Changeover time decreased (i.e. from black to yellow in under 1 hour)
- No confined space permits needed
- Color straight from the pulverizer or a weigh station

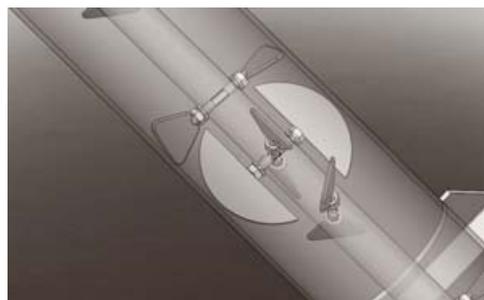
**Testing is always welcome –  
demo models are available.**

# COLORex™

## Color Mixer



Blower, Cyclone and Transfer System



Adjustable Screw Design



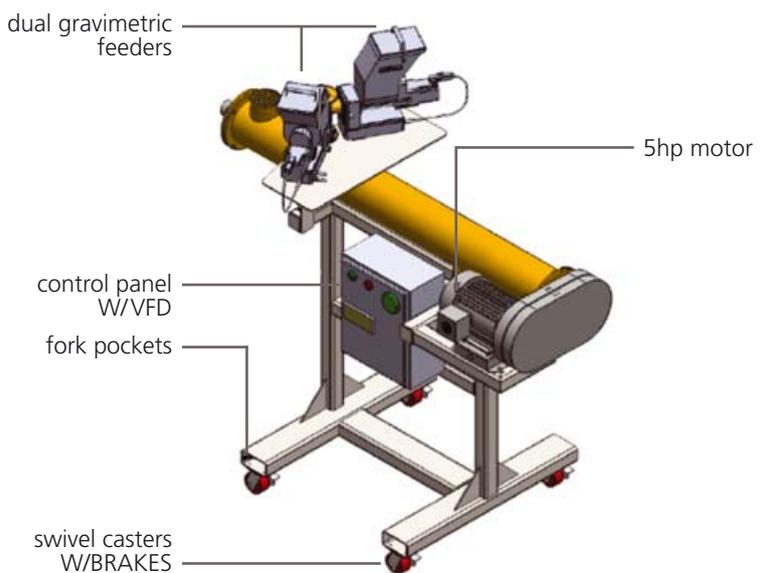
Adjustable Screw Design

### Specifications

- Process rate up to 907 kg/h (2,000 lbs/hr), depending on material and density
- Variable Frequency Drive
- 3.73 kW (5 HP, 1750 RPM) Motor
- Adjustable height for all models
- CE approved
- The Loss-in-Weight twin screw feeder is capable of rates as low as 0.01% and up to 4%
- Color Mixer can also accept liquid color or additives
- Screw design is adjustable for better dispersion
- Quick clean-up
- Better ergonomics than the competition

Technical Data:		COLORex™
<b>Material:</b>		LDPE, HDPE, ABS, ... <sup>1)</sup>
<b>Fineness:</b>		depending on grinding fineness
<b>Dosing:</b>	Standard: Optional:	gravimetric 0.01-0.4% (Pigments) volumetric (Liquid Colors)
<b>Materials:</b>	Mixer pipe	Stainless Steel
	Mixer blades	Stainless Steel, adjustable
<b>Controls:</b>	Siemens	manual / Integration into PLC of the pulverizer possible
<b>Dimensions:</b>	L x W x H	2,125 x 1,008 x 2,054 mm (height adjustable)

1) further materials upon request



Blower, Cyclone and Transfer System

