

# 2 TO 8 UNIT MIXING STATIONS



4 Unit Plasticolor 2000 Mixing Station

## DESCRIPTION:

**The Plasticolor Mixing Station** provides a way to take precise control of the materials being fed into your production machine. Up to eight single units simultaneously feed the virgin and component materials into a Neckpiece mounted on the throat of the injection molding machine or extruder.

Each material cascades into the Neckpiece on an individually controlled percentage basis guaranteeing an accurate, precise mix of the material components. Because the Neckpiece only contains a small amount of the precisely mixed materials, changes in the mix are available to the machine almost immediately.

When configured as a Flood Feed unit, the individual units are simultaneously started when the level of the material mix in the Neckpiece drops below the low level sensor in the Neckpiece and will continue to run until the material reaches the high level sensor. Since all of the component materials are consumed out of the Neckpiece, changes in the extruder speed or injection molding cycle times will have **NO EFFECT** on the material proportions or the accuracy of the mix in the Neckpiece.

When configured as a Starve Feed unit, the feeders can be slaved to the extruder's tachometer to vary the feed rate in accordance with the extruder speed

## FEATURES:

- A new generation, high quality, precision volumetric mixing station that accurately blends each material into a neckpiece attached to the throat of the production machine.
- Feed rates from a few ounces-per-hour to 5,000 pounds-per-hour for each feeder in the Mixing Station.
- Handles free-flowing materials from powders to pellets.
- Cast aluminum body housing, aluminum frame and welded steel construction for strength and rigidity.
- Extreme mix ratios of 1: 2500 or more.
- Fast color change over.
- AC motor and controls.
- Touch screen interface.
- Optional Recipe storage.
- Optional Remote control software.