Constructed completely of stainless steel, Process Control Powder Feeders can be used as either a stand-alone type feeder or as part of a continuous blending system for blending both powder and pellet materials together. They utilize a single spiral hollow shaft auger actuated by a brushless drive which uses a brushless DC gear motor with an encoder that delivers accurate motor speed feedback and allows the system to maintain a consistent RPM. The weighing system is designed with our effective DSP (digital signal processing) technology to effectively filter out unwanted noise and vibration. The agitator within the powder feeder prevents material from bridging or clumping. Both the auger drive gear motor and the agitator drive gear motor are latched onto the hopper using quick-disconnect plugs so they can be quickly removed from the feeder for easy clean-out and material changeover.

Our next blog will feature a high production powder blender.

Follow Link

Established in 1967, Process Control Corporation has an unending commitment to the design and engineering of advanced auxiliary machinery for the plastics processing industry. Our goal is to provide the most accurate equipment and exceptional customer service. We revolutionized processing with development of Automatic Scrap Recycling for in-line processing of film scrap and the first continuous gravimetric blending system. Process Control continues to lead the industry with advanced design and innovative solutions for the global marketplace. Please visit our website at http://www.process-control.com/index.html.

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