



WHITLOCK-MATERIAL HANDLING

CL SERIES RESIN CRYSTALLIZER



AEC series crystallizers are used to crystallize amorphous material in a continuous process. Slow speed agitation of the material prevents agglomeration and minimizes product degradation.

STANDARD FEATURES

- 460/3/60 supply voltage
- Surface crystallization up to 6,000 lbs per hour capacity
- For flake or amorphous resin pellets
- Blower for correct air flow at 250-400° F (121-205°C)
- Insulated hoppers
- Internal agitator to prevent product agglomeration during process
- Cyclone or bag house dust collection
- Control panel, NEMA 12
- Direct drive for agitator
- Hopper clean-out door, hinged, with sight glass
- PID temperature controller
- Safety interlocks on door shut down agitator
- Floor stand
- Single position take-off box
- Constant rate discharge with rotary airlock

OPTIONS

- Vacuum loading systems
- Dust Collection
- Pre-blender (Gravimetric)
- Gas-fired process air heater
- Twin-tower desiccant dryers
- PLC control options
- Control retrofit
- Other supply voltages available



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**WHITLOCK/
MATERIAL
HANDLING**



HEAT & COOL



**BLEND &
RECLAIM**



**NELMOR/
GRANULATE**



**DOWNSTREAM
EXTRUSION**



AUTOMATE



**SYSTEMS
CONTRACTING**



SERVICE

AUXILIARY EQUIPMENT FOR PROCESSORS IN THE PLASTICS, FOOD, CHEMICAL, PHARMACEUTICAL, PRINTING, AND MACHINE TOOL INDUSTRIES.

AEC Inc.'s products and systems are used in critical manufacturing applications throughout North and South America, Asia, and Europe.

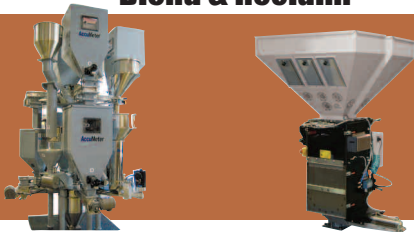
We serve and support our customers world wide with products and systems designed for 24/7 operation. Factory trained sales, service and parts support are available around the world at AEC, Inc and AEC, Inc affiliated locations. We look forward to working with you.

Material Handling



AEC, Inc is a recognized leader in the design and manufacture of resin conveying, drying, crystallizing, blending and feeding equipment and systems. From bulk storage products (silos, bins, tilters) and simple beside the press loading to sophisticated central conveying and drying systems, we have equipment that has been designed to work together to give you efficient, reliable operation, wherever your facility is located. Our equipment feature intuitive controls with options that facilitate equipment networking process data collection. Modular designs allow you flexibility as your processes grow and change.

Blend & Reclaim



AEC, Inc provides a wide range of blending and feeding systems for metering resin and other plastics processing additives into extruders, injection molding machines and other process equipment. Choice of batch weigh blenders, gravimetric loss-in-weight continuous blenders, single and multi-component volumetric additive feeders and weigh hoppers allow us to recommend the best blending technology for your process. AEC, Inc. extrusion also provides scrap reclaim systems and co-extrusion control systems. Let us show you how you can speed line start-up, shut-down and increase yield with our systems.

Heat & Cool



AEC, Inc. provides a wide range of chilling, temperature control (heat/cool), reservoir pump tank equipment and systems for plastics and other processors. Whether you need chillers, pump tanks or TCUs, let us recommend the type of cooling or temperature control equipment that matches your application and your potential future production needs.

We can evaluate your expected system loads and load characteristics, energy and climate related issues as well as incorporating new equipment with chillers and process heating equipment you already own.

Granulate



AEC, Inc. provides a wide range of size reduction/granulation equipment and systems. Beside-the-press, below-the-press and central granulators along with single-stage shredders or dual-stage shredder granulators are available in a variety of sizes and power/capacity/ throughput ranges.

Integrated regrind evacuation systems are also available.

Systems Contracting



One of our greatest strengths is taking your production requirements and business objectives and recommending one or more approaches to a complete auxiliary system design. We work with you through the design, engineering, manufacturing and installation phases to meet your unique application needs, plus we maintain a strong relationship in the future.