



ACS Group · Walton/Stout's Crystallizer Save on Virgin Materials Used

New Berlin, WI— ACS Group · Walton/Stout Crystallizing systems have been applied in the PET industry for two decades. The incorporation of primary and secondary agitation combined with multiple level temperature sensors, insures proper crystallization with temperature-controlled throughput rates. A High temperature, variable speed rotary vane outlet feeder provides a continuous even flow of material out of the hopper and to the process.

For flake or amorphous resin pellets, the ACS Group · Walton/Stout Crystallizing system offers surface crystallization up to 10,000 lbs./hr (4,536 kgs./hr) and utilizes an efficient pressure blower for correct air flow with CFM ranges at 250° -400°F (121°- 205°C). An internal agitator prevents product agglomeration during the crystallizing process and offers a constant rate of discharge with our VFD controlled rotary airlock.

All ACS Group · Walton/Stout Crystallizer systems are designed to handle processing variations ranging from 100% pellets to 100% regrind content for maximum production flexibility with variable high and low volume adjustments on the hopper. A variable speed rotary valve control, connected to the hopper volume adjustment, allows the processor to adjust and meet his production requirements.

Go Green. Recycling is becoming the most common, as well as important, part of a processors application when it comes to PET materials. With 1.5 million tons of PET collected each year, the cost savings to the customer are significant. By returning scrap materials to the process at the plant level, the cost savings are quickly realized when compared with the cost of virgin materials. Many materials can also be processed and resold for non-food uses such as durable synthetic yarns and non-food canisters and containers. The ACS Group · Walton/Stout Crystallizer system is also available with a stainless steel interior for food-grade applications.

Additional standard features include: Cyclone or bag house dust collection; insulated hoppers; 460/3/60 supply voltage (additional voltages available); NEMA 12 control panel; PID temperature controller; safety interlocks; and a single position take-off box. Some optional features include: vacuum loading system; twin-tower desiccant dryers; PLC control options; and a gas-fired process air heater.

ACS Group · Walton/Stout has been designing, manufacturing, and installing equipment for the plastics, process, chemical and food markets industry since 1969. For additional information on our products and services, please visit our website at www.waltonstout.com or contact Jeff Courter at 262-641-8621 or via email at jcourter@corpemail.com.

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June 2010

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