

COOL AND DRY!

Geelen Counterflow®

CLEAN AND LEAN!

LGPM
PROCESS INNOVATION

New!



GEELLEN COUNTERFLOW

PC..x..KW MkII

POST CONDITIONER MkII

The Post Conditioner has been designed for increasing the product quality of pelleted aqua feeds, such as shrimp feeds. After leaving the pellet mill, a high temperature environment is maintained for the pellets. As a result, gelatinization and water stability improves considerably. The need for expensive binding agents can be reduced, resulting in short payback time on your Post Conditioner investment.

The Post Conditioner consists of electrically heat traced and insulated double wall construction to assure energy conservation. In addition, the top section is equipped with live steam injection to quickly increase process temperatures if needed.

Retention time is determined by height of the sensor, surface area of the Post Conditioner and the local process design requirements. The robust swivel valve discharge system is activated by an adjustable level sensor and driven by hydraulic cylinder and power pack.

With input from major shrimp feed manufacturers, Geelen Counterflow engineers have redesigned the Post Conditioner, adding many new features that make this MkII version even more energy efficient and easy to clean/inspect.

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POST CONDITIONER MkII



Sizes and capacities

Multiple sizes are available, each with different volume capacities. Based on your process details, the correct Post Conditioner size is determined to ensure sufficient product retention time.

Material specification

Every Post Conditioner has stainless steel AISI 316 product contact surfaces for the top cover, walls and hopper. The discharge gate with its solid shafts is in stainless steel AISI 304, as well as the outside cladding.



Heat tracing and insulation

Top, walls and hopper consist of double walls with thick insulation, including electrical heat tracing of the inner walls. The closed cell insulation material is water resistant and prevents moisture contamination from affecting its insulation value. Wall connections from the inside are fully welded.

Access

Bin wall and hopper both have insulated doors for easy inspection and cleaning. The bin wall door has a sliding window that provides cleaning/inspection access to the inside without opening the door and expose operators to the high process temperatures. A second door in the bin allows fast and safe venting of the equipment for cooling at the end of a production run.



Clean out

By driving the hydraulic cylinder to its fully open position the discharger drops all remaining product into the hopper to assure equipment is empty.

Remote control

By using an angle encoder with mA signal, multiple open and closed positions can be selected from your control system, depending on product diameter.

Dryer and cooler

Check out our dryers and coolers to complete your downstream pelleting process by the most energy efficient solution.

Supplied and Installed in Australia by

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