

4+1 Pancake IBC

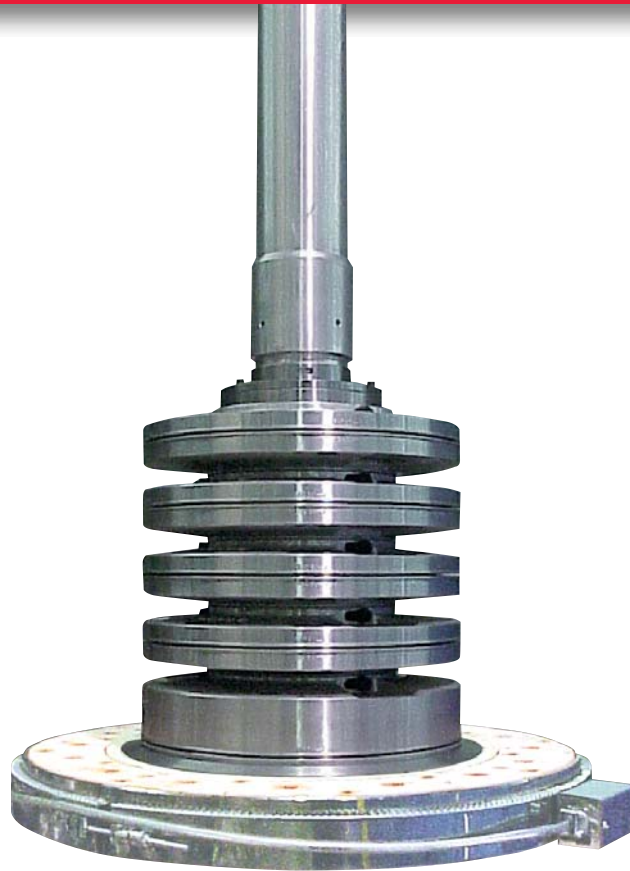


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Brampton Engineering 4+1 IBC (Internal Bubble Cooling) System offers film processors maximum cooling efficiency while maintaining ease of operation. Five independently adjustable orifices deliver cool air inside the bubble to provide the ultimate flexibility while processing a wide range of products. The Pancake IBC delivers uniform airflow to ensure consistent gauge.

Method of Operation

Brampton Engineering 4+1 Pancake IBC System air flow adjustments maximize the system's efficiency. The lower orifice pre-cools and stabilizes weak melt as soon as the polymer exits the die. The adjustable air flow through each set of the four pancakes allows for a gradual increase in air velocity for maximum heat transfer. The Air Flow Regulator Plate acts as a bypass valve allowing greater overall air exchange rate while maintaining optimum air velocity through each pancake.

For processing efficiency, ease of use and maximum flexibility the 4+1 Pancake IBC provides

- independently adjustable pancakes to regulate the amount of air flow through each pancake from fully open to fully closed
- blower systems with variable frequency AC drives to regulate blower speed and consequently control the overall air flow through the IBC system
- control system to allow the operator to precisely control the air exchange of the IBC to maintain a balanced bubble.

4+1 Pancake IBC



Brampton Engineering

Quality: Brampton Engineering Inc. worldwide headquarters continues to meet the ISO 9001 standard which covers design, manufacture, assembly, installation and service of our products.

Distinguishing Features

- adjustable lower orifice
- 4+1 independently adjustable pancakes
- easy installation and removal with new quick release that facilitates positive positioning of stack assembly and easy quick release.

Options:

AntiBlock IBC

Applications

The 4+1 Pancake IBC can be retrofitted on Single-Layer Dies, Cylindrical Coextrusion Dies and Streamlined Coextrusion Dies.

Processors of sophisticated multilayer coextrusion structures will realize maximum benefit with the 4+1 Pancake IBC.

