



Reifenhäuser

BLOWN FILM PLAMEX

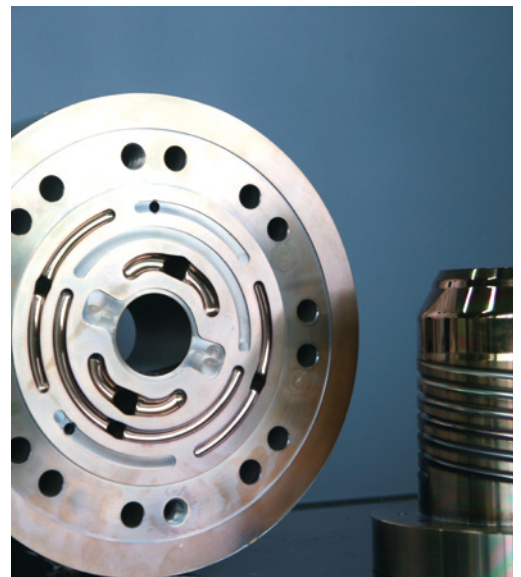
The Extrusioners

High Tech Blown Film Dies Mono and multi layer

Besides extruders blown film dies are the heart of each blown film extrusion line. Based on heavily experienced die experts and equipment with appropriate CNC-machine tools, Reifenhäuser Blown Film Plamex is known as a reliable and innovative supplier.

In order to meet all demands of their customers, a variety of options are available:

- Mono and multi layer
- Conventional-vertical
- „Pancake-stackable“
- Conical



The selection of the right steel, coating and the best finish of the surfaces in contact with the melt are preconditions for the quality of the complete die head.

The specific Reifenhäuser Blown Film Plamex design is distinguished by:

- Side feeding: Allowing a low building height for ergonomic operation
- Central bore for Internal Bubble Cooling (IBC)
- Compact assembly with minimized single parts and clamping system for easy disassembly and cleaning
- Short residual times for the melt through binary distribution in horizontal and vertical levels
- Computer aided design of all channels and spirals optimized for: Layer thickness distribution, variety of polymer combinations, throughputs and melt pressure
- Uniform heat distribution inside the die body by “heat rods”
- Super finishing of all the surfaces in contact with the melt; alternatively coated with nickel, hard-chrome or anti-adhesion special coating alloys.

Special tubular tools for circumferential coating of woven structures

For example the manufacturing of polyurethane coated polyester-based woven tube, which serves to re-seal corroded pipes in the ground. For this special application Reifenhäuser Blown Film Plamex developed and delivered large caliber coating dies up to a diameter of 600 mm. Larger diameters are available upon request.

