

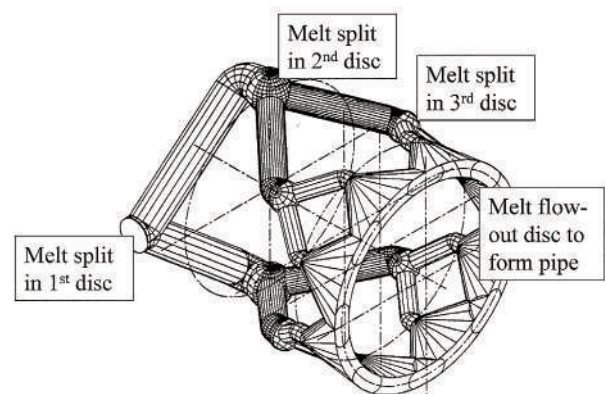
Multilayer Die Heads



Rollepaal Multilayer Die Heads

The Rollepaal Multilayer Die heads have a revolutionary design for improved performance, based on the principle of symmetrical branching of the melt feed for the layers. Symmetry in melt feed guarantees the best layer distribution, as all the flow lines have equal length. It makes the die independent of melt viscosity, as there is no need for a restrictor gap with different length in circumferential direction for correction. The design features a symmetrical split of short round channels per disc, eliminating leakage. Cleaning, if needed, is easy as the channels have a round shape and short length, and are perfectly accessible.

Fitness for production is the key issue for the Rollepaal RMD dies, contributing to a more effective and efficient use of an extrusion line. Therefore the RMD design has furthermore been focused on Double Compression tooling, Modular set up and Quick Tool Change.



Features of our RMD series:

- Double Compression tooling generates a well relaxed melt without spider lines
- Double Compression tooling allows sufficient lubrication against burning
- The die support with hydraulic leveling system and the special designed cleaning tools facilitate a quick cleaning of the die. Down time can be limited
- Excellent skin distribution to maximize material savings
- Skin – Core ratio: best performance in the market
- Outer and inner skin ratio adjustable even with 2 extruder set up
- Suitable for foam core and solid wall
- Foaming K57 + K67 pipe grade virgin and 100% recycled material
- Foaming at minimal processing aid
- 2 & 3 layer version
- Thin coating application PVC and PO
- Round branches holes for quick cleaning
- Because of shorter land length the die head creates more die swell which increases the foaming quality



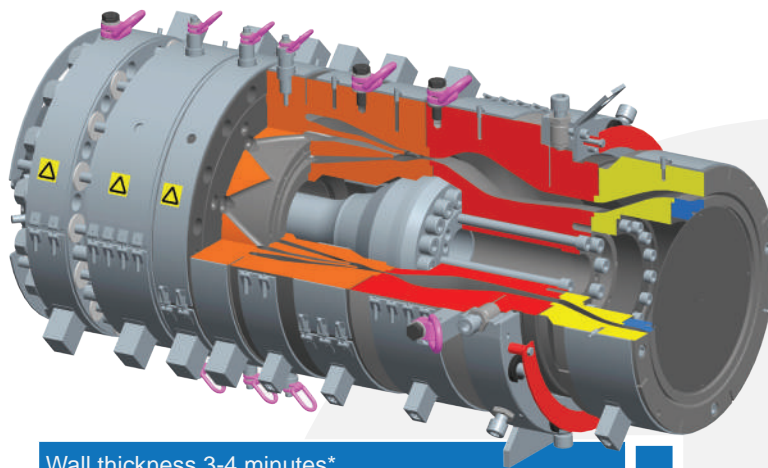
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Product Range

	Ø = inch	10	20	40	2	50	63	90	4	6	8	10	12	16	20	24	32
	Ø = mm	10	20	40	50	63	90	110	160	200	250	315	400	500	630	800	
RMD 4																	
RMD 6																	
RMD 8																	
RMD 20																	
RMD 24																	

Quick Tool Change



Wall thickness 3-4 minutes*

Diameter change 6-7 minutes*

Diameter change 10-12 minutes*

* Changeover times depend on diameter range



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