

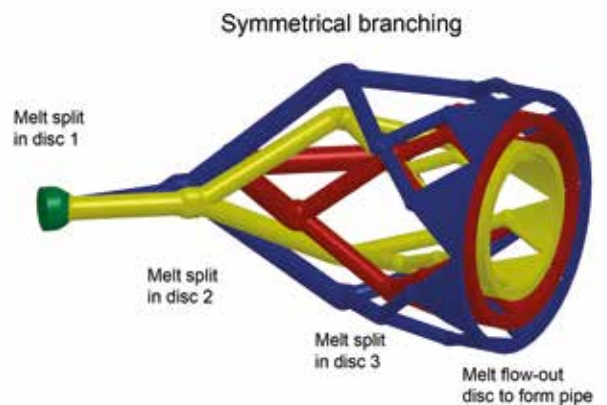
Multilayer Die Heads



Rollepaal Multilayer Die Heads

A revolutionary idea started the development of the Rollepaal Multilayer Die heads. The technology is based on the principle of symmetrical branching of the melt feed layers. Symmetry in melt feed guarantees the best layer distribution, because all flow lines have equal length. The RMD die is independent of melt and output 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, which prevents the melt from clogging the die head.

The RMD design has furthermore been focused on Double Compression tooling, Modular set up and Quick Tool Change. Cleaning, if required, is easy as the distribution channels have a round shape and short length, and are perfectly accessible



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 branched holes for quick cleaning
- Because of shorter land length the die head creates more die swell which increases the foaming quality



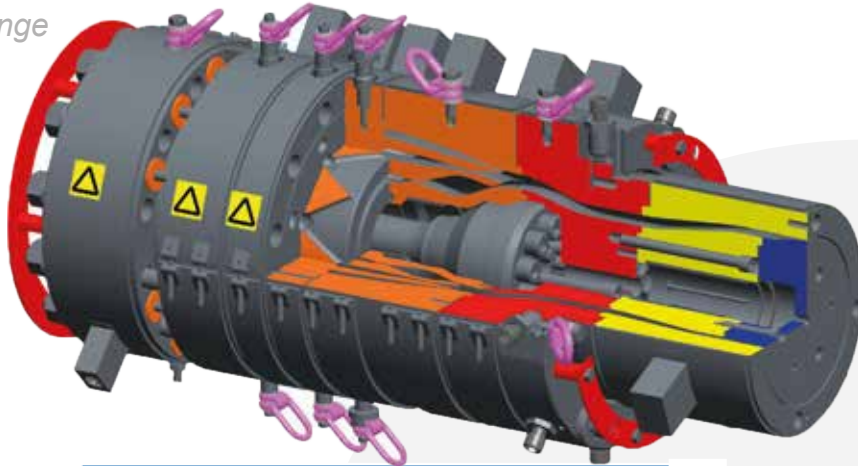
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Product Range

	Ø = inch				2			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 6/7																
RMD 8																
RMD 12																
RMD 16																
RMD 20																
RMD 20/630																
RMD 30																

Quick Tool Change



Wall thickness - 3-6 minutes*	■
Diameter change - 6-12 minutes*	■ ■
Range change - 12-20 minutes*	■ ■ ■

* Changeover times depend on diameter range

Quick Tool Change is applicable for RMD 4, 6, 7 & 8.



ROLLEPAAL B.V.

Visit address:
Rollepaal 13
7701 BR Dedemsvaart

Correspondence:
Rollepaal B.V.
PO BOX 21
7700 AA Dedemsvaart
The Netherlands



Phone: +315 236 24599
Fax: +315 236 24500
E-mail: mail@rollepaal.com
Web: www.rollepaal.com