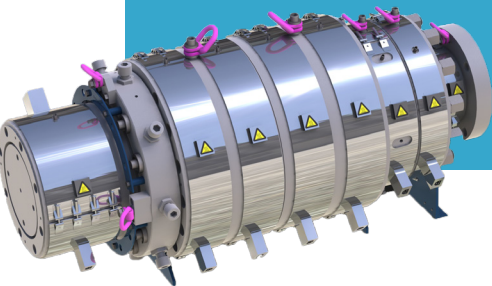
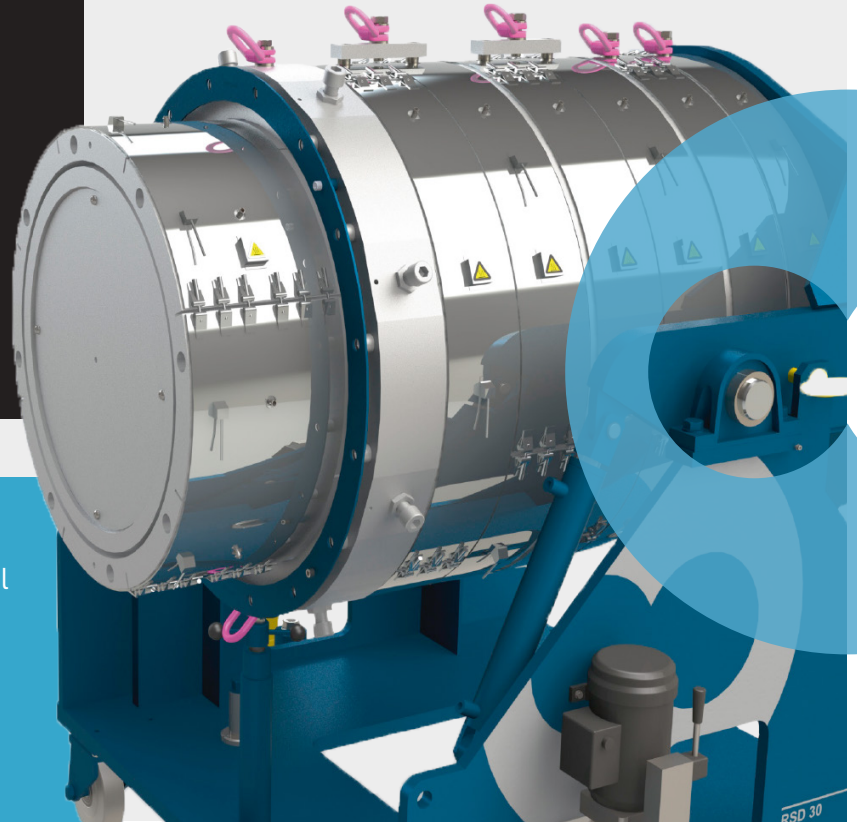


Solid Wall Die Heads

The long-term extrusion history of Rollepaal has resulted in products based on a sound theoretical approach and a wide practical experience. The RSD die head is the tried and tested heart of a solid wall PVC pipe line.



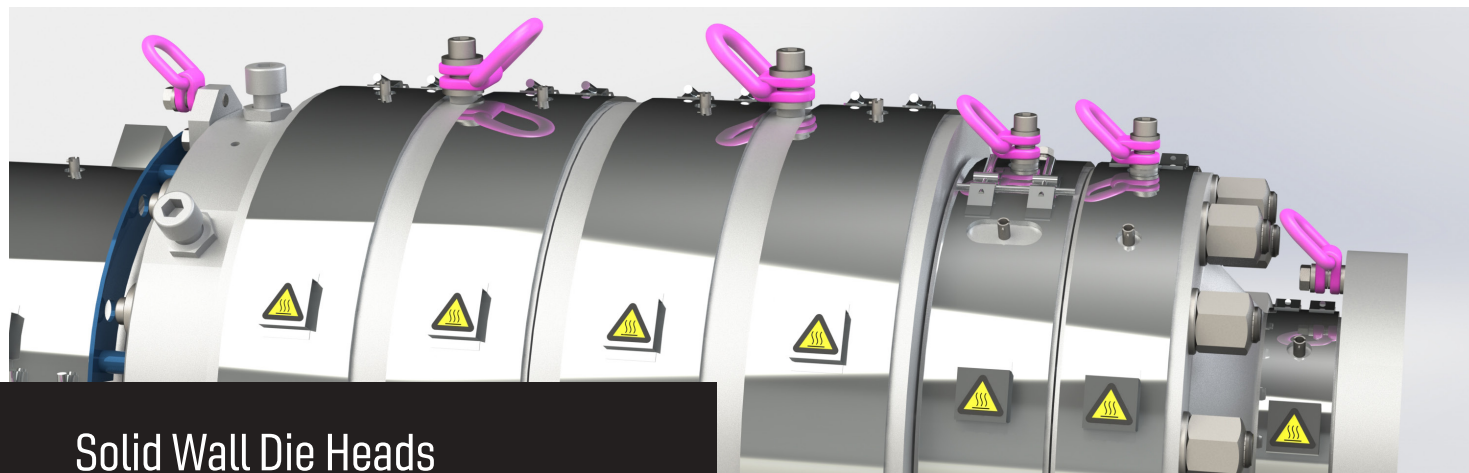
RSD die heads have been designed, using a computer calculation program based on a 3D visco-elastic model for plastics. The program calculates the optimum flow lines for compression cones that otherwise would not be feasible for reliable use in production.

Rollepaal spider dies reach the highest efficiency possible in terms of raw material usage. The RSD die heads have also been designed to be robust, easy to assemble and dismantle and maintenance friendly.

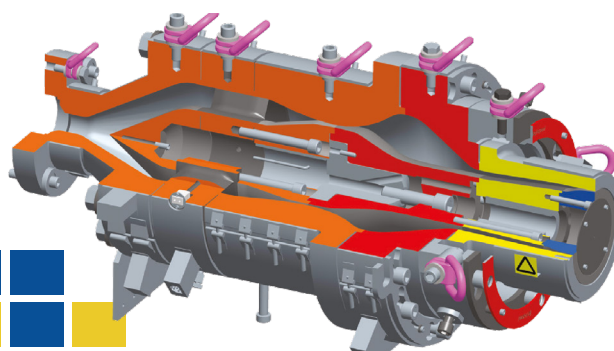
The flow lines have been optimized for reliable and reproducible production and allow high output and easy to run formulations. As the compression is high, the pipes are smooth without weak spider lines.

Benefits of Rollepaal RSD:

- Quick tool change - time reduction in changing wall thickness and diameter, available for RSD 2, 4, 6 and 8
- Thermal centering - temperature control zones at the die head for rapid wall thickness adjustments
- Modular design - less tooling required for an increased range of pipe diameters
- A smooth pipe and low overweight at high output
- Designed for runners and variety products
- Minimum tooling for maximum pipe range
- Perfect spider line welding because of double compression
- Low inventory allows for lower dryblend stabilization
- Smart centering - reduce centering time after diameter change (RSD12 and larger)



Solid Wall Die Heads



Wall thickness - 3-6 minutes*

Diameter change - 6-12 minutes*

Range change - 12-20 minutes*

*Changeover times depend on diameter range

Product range

	Ø = inch				2			4	6	8	10	12	16	20	24	32	40	48
	Ø = mm	10	20	40	50	63	90	110	160	200	250	315	400	500	630	800	1000	1200
RSD 2																		
RSD 4																		
RSD 6																		
RSD 8																		
RSD 12																		
RSD 16																		
RSD 20																		
RSD 24																		
RSD 30																		
RSD 48																		

Rollepaal B.V.

PO Box 21 • 7700 AA Dedemsvaart • The Netherlands
 Rollepaal 13 • 7701 BR Dedemsvaart • +31 (0)523 62 45 99
info@rollepaal.com • www.rollepaal.com

rollepaal 
 PIPE EXTRUSION