



# Solid Wall Die Heads



## Rollepaal Solid Wall Die Heads

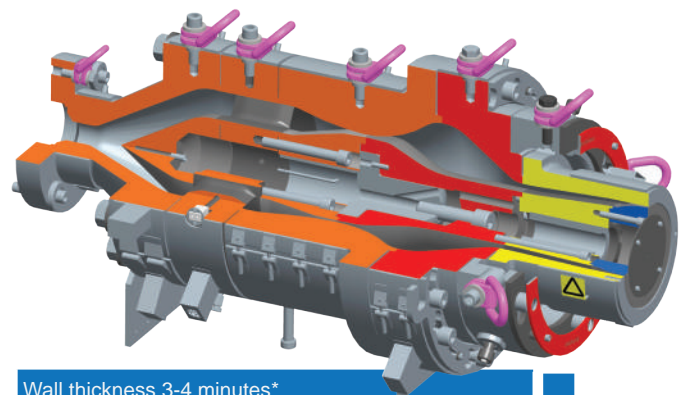
The long-term extrusion history of Rollepaal is resulting in products which combine a sound theoretical approach with a wide practical experience. This way of development makes progress in design possible for all extrusion equipment. Die heads do have a prominent place in this development along the extrusion line.

Rollepaal's Solid wall pipe extrusion Die heads (RSD) have a revolutionary design for improved performance, based on a computer calculation program working with a 3-D visco-elastic model for plastics and practical feedback.

A good fit for production is the key issue for the Rollepaal dies, contributing to a more effective and efficient use of an extrusion line. Therefore the RSD design has been focused on a Modular set up & Quick Tool Change, on the Compression zone concept and on Thermal Centering.

The spider dies of Rollepaal are characterized by their user-friendly design, based on worldwide experience. The dies are robust, whilst still easy to assemble and to dismantle.

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



Wall thickness 3-4 minutes\*

Diameter change 6-7 minutes\*

Diameter change 10-12 minutes\*

\* Changeover times depend on diameter range

### Benefits of our RSD:

- Quick Tool Change – reduction in time to change of wall thickness and diameter
- Thermal centering – centering cone for optimal thermal centering effect, results in lower pipe overweight
- Modular design – less tooling required for a range of pipe diameters
- A smooth pipe and low overweight at high outputs
- Designed for runners and variety products
- Minimum tooling for maximum pipe range
- Perfect spider line welding because of double compression
- Low volume allows for lower dryblend stabilisation



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### 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																		



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