

# Datasheet

## Retention Time Barrel (RTB)



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## General

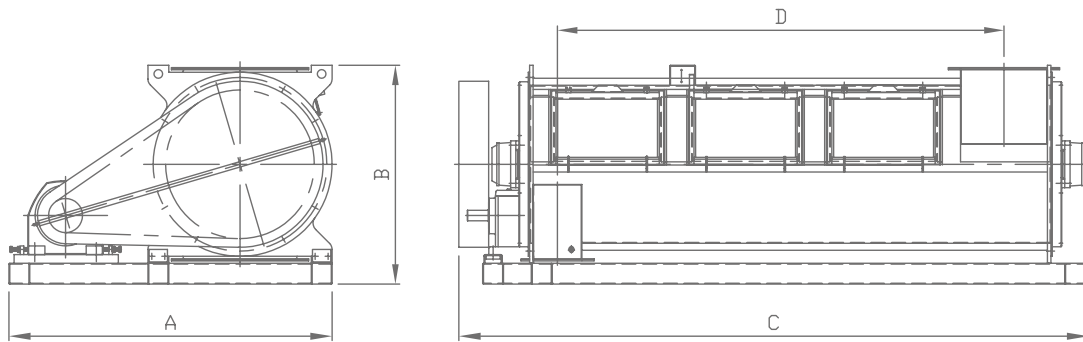
The RTB or retention time barrel is used to maintain products at an elevated temperature for additional residence time after treatment in a steam conditioner. After the RTB the product can be further treated in a pellet mill, extruder or meal cooler. The thermal treatment of the product results in an easier operation in the pellet mill, which simultaneously results in an improved pellet quality.

## Advantages

- Guaranteed first-in/first-out of the mixture in the retention time barrel
- Up to 15% increase of pelleting capacity, due to higher temperature and improved absorption of steam
- Product is kept at required temperature
- Minimal formation of condensation
- Reduced growth of bacteria
- Easy to clean
- Simple design

## Features

- All components that come into contact with the product are from AISI304
- Solid shaft with large flight and inclined pitch
- Stuffing box sealings on shaft
- Belt-driven by gear motor, suitable for frequency control (frequency converter not included)
- Timing belt transmission
- Large inspection doors with safety switch
- Temperature sensor PT100
- Insulated with rock-wool
- Electric heating system with adjustable thermostat 90-230 °F



Type	Capacity (t/h)	Dimensions (Inches)				Motorpower (Hp)
		A	B	C	D	
700 x 3000	6	57	41	140	104	3
900 x 3000	11	74	50	146	102	3
500 x 2500	14	74	50	184	141	3
500 x 3000	16	74	50	203	161	3
700 x 3000	20	74	50	249	206	3