




**OTTEVANGER**  
PROCESS SOLUTIONS

# Retention Time Barrel RTB


## Technical Datasheet



Developed with PTN expertise  
in pelleting technology.

Product is kept at  
required temperature 

Easy  
to clean 

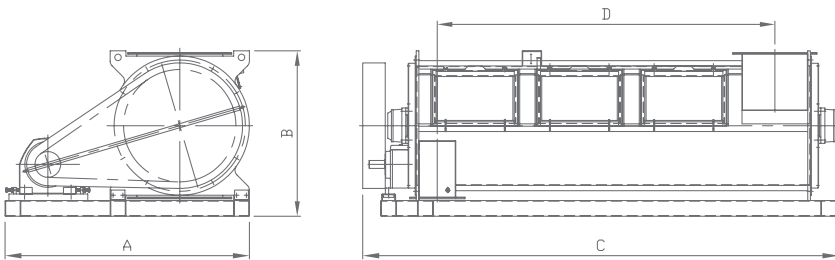
Up to 15% increase of  
pelleting capacity 

# Retention Time Barrel RTB

The thermal treatment of the product results in easier processing in the pellet press.

After the homogeneous mixing of steam in a conditioner the product remains, during a preset length of time, in this heated and insulated retention time barrel.

After the retention time barrel 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.



## Belt drive

Type	Capacity (t/h)*	Dimensions (in mm)				Motor power (kW)
		A	B	C	D	
700 x 3000	5	1400	1000	3550	2602	1,5
900 x 3000	8	1720	1260	3625	2570	1,5
900 x 4000	12	1720	1260	4650	3570	1,5
900 x 4500	14	1720	1260	5150	4070	1,5
1250 x 4000**	24	1530	1645	4900	3510	2,2

\* With a retention time of 240 seconds

\*\* Direct drive



For more information, visit our website.

## Features

- ✓ All components that come into contact with the product are from stainless steel AISI 304
- ✓ Solid shaft with large flight and inclined pitch
- ✓ Stuffing box sealings on shaft
- ✓ Direct drive or timing belt transmission, depending on the type of RTB
- ✓ Suitable for frequency control
- ✓ Large inspection doors with safety switch
- ✓ Temperature sensor PT 100
- ✓ Insulated with rock-wool
- ✓ Electric heating system with adjustable thermostat 30-110 °C
- ✓ 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

