deCON | deCON iV+

viscotec
foodgrade without compromise

Decontamination dryer for production of dry, iV increased, **food grade flakes** from bottles and trays, or skeleton waste directly in front of production extruder.

BENEFITS

- Decontamination of PCR flakes according to EFSA and FDA
- iV increase mode for tray recycling
- Excellent dedusting
- Drying to below 50 ppm
- Controlled and consistent residence time (FIFO)
- Superior color values

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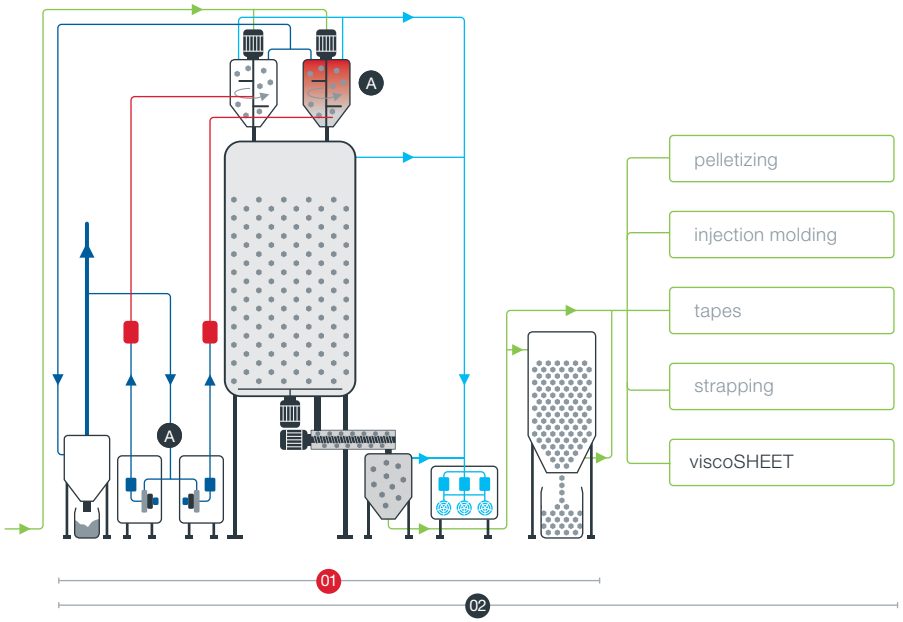
Main data		deCON 50	deCON 65	deCON 50 iV+	deCON 75 iV+
Max. output with flakes deCON mode[1]	[kg/h]	1200	1200 | 1500[3]	1000–1200	1800–2000
Max. output with flakes iV+ mode[2]	[kg/h]	-	-	500–700	800–1000
Net volume of reactor	[m³]	4.7	6.4	4.9	6.9
Equipment height	[m]	6.8	8.6	8.6	9.3
Floorspace	[m]	8.3 x 6.8			
High-vacuum system	[mbar]	≤ 10			
Energy consumption	[kWh/kg]	0.10–0.15			
Max. surface moisture of input material	[%]	1			
Output humidity	[ppm]	<50			
Food grade according to		EFSA, FDA			

Above table represents general technical data and average values, which depend on chemical composition, contamination, pelletizing, etc. of the pellets/flakes. Guaranteed values only after trial with customer material. The calculated electrical power rate refers only to the reactor and periphery of the reactor and depends on the output rate. We reserve the right of technical modifications.

[1] 1 h residence time
[2] 2 h residence time
[3] In combination with crystallizing unit (warm feeding of flakes)

01 stand alone
02 in front of production extruder
A iV+ modification



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