

# crystallizer

The **module for crystallization, drying and dedusting** is designed to process different types of material at the same time, e.g. PCR pellets, PCR bottle flakes, or in-house skeleton waste.

## BENEFITS

- Low power consumption and maintenance
- Excellent dedusting
- Pellets and/or flakes processable
- Integration of 2-component mixing
- Intuitive and simple operation



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<b>Main data</b>		<b>cry20</b>	<b>cry40</b>
Crystallizing & drying of inhouse regrind/pellets	[kg/h]	1000 / 800	2000 / 1600
Pre-heating of bottle flakes/pellets/inhouse regrind	[kg/h]	2000/ 1000 / 1200	4000 / 2000 / 2400
Net volume	[m <sup>3</sup> ]	2	4
Equipment height	[m]	5	5.7
Floorspace	[m]	4.1 x 3.5	6.2 x 4.2
Energy consumption	[kWh/kg]	0.04–0.09	0.04–0.09
Output humidity <sup>2</sup>	[ppm]	< 200	< 200

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 unit and depends on the output rate. We reserve the right of technical modifications.

<sup>1</sup> Crystalline pellets

<sup>2</sup> Depending on local relative humidity and input material (optional dehumidified air dryer)