



# Roasterfamilie EcoToast



|  | EcoToast 100   | EcoToast 200 (preliminary)      | EcoToast 500 (preliminary)         |
|--|--|---------------------------------|------------------------------------|
| <b>Max. Throughput<sup>*)</sup></b>  | 100kg/h  | 200kg/h                         | 500kg/h                            |
| <b>Heating Power (Max/Operation/Preheat)</b>   | 10,5/9/4 kW  | 21/18/8 kW                      | 50/40/20 kW                        |
| <b>Beheizungsvariante</b>  | Electrical   | Electrical                      | Electrical/Heatexch.               |
| <b>Voltage</b>   | 3-phased 400V  |                                 |                                    |
| <b>Dimentsions (LxWxH)</b>   | 130x110x120cm  | 130x110x170cm                   | 140x110x200cm                      |
| <b>Weight</b>  | 220kg  | 250kg                           | 350kg                              |
| <b>Application</b>   | Roasting Soybeans or other Seed, Seed-preheating for Oilpress  |                                 |                                    |
| <b>Contents</b>  | Roaster with PLC + Touchscreen   | Roaster + PLC+ Inverter for Fan | Roaster + PLC + Inverter + Preheat |
| <b>Extra Equipment</b>   | Weighing-system, Throughput- and Pressmonitoring, Inverter Controlled Fans, Heat Regeneration for Soybeans, Pre-Heating (for ET100/200), Post-Cooling, Oilpress Control via PLC, Seed Conveyer Control via PLC |                                 |                                    |
| <b>Roasterfamily EcoToast</b>  |  |                                 |                                    |
| <ul style="list-style-type: none"> <li>• Minimized Maintenance effort and cost – Fan and Rotary Feeder only moving parts in the System.</li> <li>• Low Temperature processing to preserve valuable ingredients of the seed and protein digestibility.</li> <li>• Very Small Form Factor, High Energy Efficiency and intelligent heat usage.</li> <li>• Very efficient and compact Roaster for 300-8.000t yearly throughput → ideal for farms with focus on self supply with animal feed and communities of smaller farmers.</li> </ul> |  |                                 |                                    |

<sup>\*)</sup>Throughput and Energy Usage dependent on input seed and target Trypsininhibitor Activity. Rough estimate on Energy Usage for 1.000kg Soybeans <100kWh (less with heat regeneration).