



## Optimal protein supply made easy:

- Best protein digestibility, tailored to each species of animal
- Compact design - approx. 1m<sup>3</sup> machine for up to 800t of soybeans per year
- High energy efficiency and low energy costs - <100 kWh per ton of soy
- Further energy cost savings with bean heat recovery and extended preheating
- Minimal installation effort
- Minimal maintenance effort and lowest spare part costs - only the lock and the fan are moved
- Comfortable operation with touchscreen industrial control
- Can also be used easily on the move



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Ideal for organic farms,  
agricultural self-sufficiency and  
Communities.

# The EcoToast Productfamily



The leading solution in  
proteinfeed production  
and selfsupply

[www.sojatoaster.com](http://www.sojatoaster.com)






## Self-sufficiency, high quality and simple

The EcoToast product family offers an easy way to toast soy on your own farm and then process it further. The starting products are high-quality soy feed, optimally tailored to your livestock.



## Low operating costs

During development, EST attaches great importance to low operating costs and environmental compatibility. This ensures that a toasting process with the highest energy efficiency, low energy costs and minimal maintenance costs.



## Compact design, easy operation

The compact design and convenient operation of the EcoToast product family ensure the simplest possible operation, especially to be able to toast soy yourself economically even in small quantities (800 - 8000 t annual throughput)

datasheet EcoToast product family	EcoToast 100	EcoToast 200	EcoToast 400	EcoToast 600	EcoToast 1000
Max. Throughput *	100 kg/h	200 kg/h	400 kg/h	600 kg/h	1000 kg/h
Heater	12 kW	24 kW	54 kW (80A)	81 kW (120A)	121 kW
Heating variant	electric				
Voltage	3-Phasen 400 V				
Dimension L x W x H	132 x 112x 130 cm	132 x 112 x 210 cm	225 x 145 x 215 cm	225 x 145 x 265	225 x 145 x 365
Weight	300 kg	400 kg	950 kg	1100 kg	1700 kg
Scope of delivery	<ul style="list-style-type: none"> <li>Toaster with electric heating</li> </ul>	<ul style="list-style-type: none"> <li>Toaster with electric heating</li> <li>PLC + FU + connection to conveyor technology</li> </ul>	<ul style="list-style-type: none"> <li>Toaster with electric heating</li> <li>PLC + FU + connection to conveyor technology</li> <li>Heat recovery</li> </ul>	<ul style="list-style-type: none"> <li>Toaster with electric heating</li> <li>PLC + FU + connection to conveyor technology</li> <li>Heat recovery</li> </ul>	<ul style="list-style-type: none"> <li>Toaster with electric heating</li> <li>PLC + FU + connection to conveyor technology</li> <li>Heat recovery</li> </ul>
Special equipment	<ul style="list-style-type: none"> <li>PLC + FU</li> <li>Connection to conveyor technology</li> <li>Weighing system</li> <li>Heat recovery</li> <li>Preheat / Aftercool expanded</li> <li>Oil press control</li> </ul>	<ul style="list-style-type: none"> <li>Weighing system</li> <li>Heat recovery</li> <li>Preheat / Aftercool expanded</li> <li>Oil press control</li> </ul>	<ul style="list-style-type: none"> <li>Weighing system</li> <li>Preheat / Aftercool expanded</li> <li>Oil press control</li> </ul>	<ul style="list-style-type: none"> <li>Weighing system</li> <li>Preheat / Aftercool expanded</li> <li>Oil press control</li> </ul>	<ul style="list-style-type: none"> <li>Weighing system</li> <li>Preheat / Aftercool expanded</li> <li>Oil press control</li> </ul>

\* Throughput depends on the starting product and the urease value to be achieved. As a guideline value for consumption, one can assume <100kWh / ton without heat recovery.