

# LIMATOR

Impact Crusher

Compact class  
for biomass.



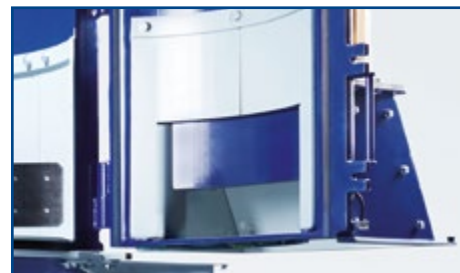
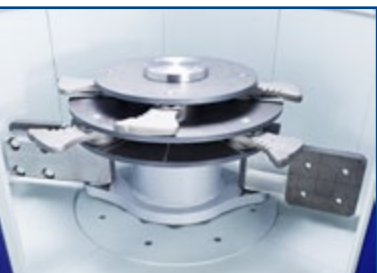
# Lean technology, big effect.

More efficiency for your biogas plant – the Lindner LIMATOR makes it possible. The impact crusher extends the usable spectrum of substrates for fermentation and optimally breaks up the material with its fast-running, movably mounted multi-tools and crusher plates. High throughput, low wear, comfortable maintenance and a technology resistant to extraneous material round off the package. This is the way to increase the efficiency of existing and new biogas plants.

- Large spectrum of usable substrates plus added substrate flow-rate
- Continuous or batch operation possible
- Simple handling and maintenance
- Reduces stirring times and floating layers in the fermenter

**Your head start with Lindner:**

**High gas yield even with difficult materials.**



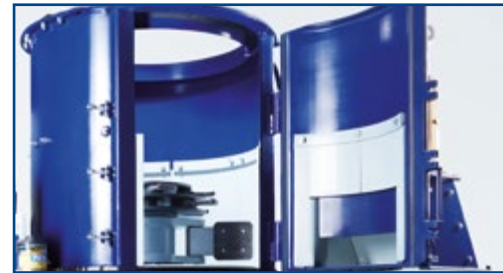
## The rotor system: The centerpiece.

- Crushing tools on vertically mounted **multi-element bracket**
- Double-row **multi-tools** for coarse pre-crushing
- Two swivel mounted **crusher plates**
- **Quickly exchangeable** wear plates available in various types



## The machine technology: Simple and well thought out.

- **Discharge slider** with electric worm gear screw continuously adjustable
- **Variable flange connection** for feeding and discharge
- Lining in **quality steel, high wear-resistant steel** or **synthetic material**
- Two **control versions** and **smooth start drive** optional



The drive system:  
Robust and efficient.

- **Powerful and low-maintenance belt drive**
- **High performance power belt** for high efficiency and long lifespan
- **Automatic belt tensioning** as standard
- **Service friendly** with worldwide available standard components



The comfort:  
Everything in intelligent order.

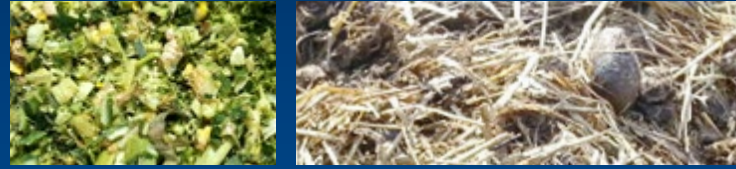
- **Swivel mounted crusher bin** for comfortable service access
- **Maintenance opening** over the entire height of crusher bin for unimpeded work
- **Wear-components** exchangeable simply and quickly
- **Mechanical central lubrication** as standard

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# Impact Crusher LIMATOR 1200

Versatile impact crusher for processing of renewable resources like corn, sugar beets and grass silage, solid waste of the agricultural industry, green waste and remainders of animal feed, straw and foliage, slaughterhouse waste, expired food as well as slurry

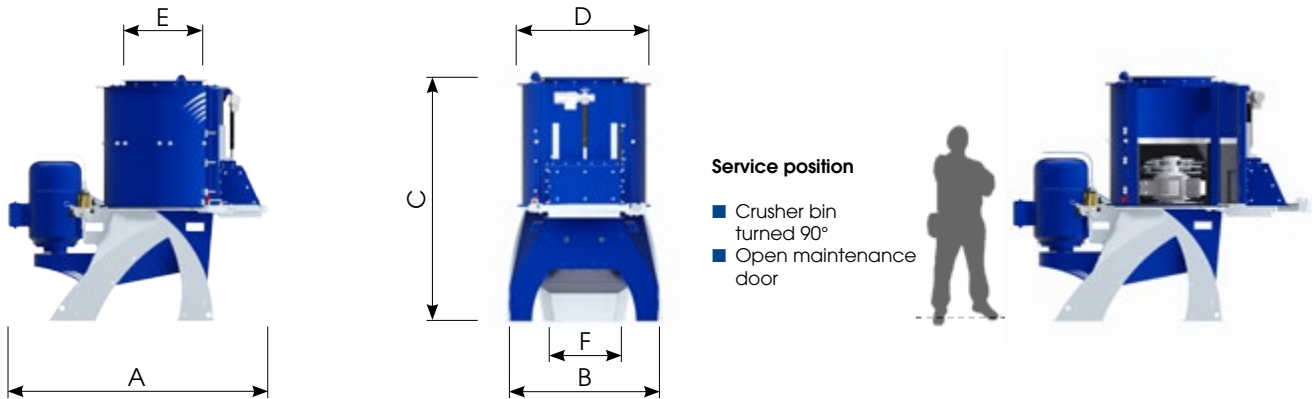


and manure from livestock farming.  
Throughput capacity from 3 to 20 t/h.

## Technical Data

Dimensions and weight	LIMATOR 1200
Intake opening	max. diameter 1020 mm
Discharge opening	410 x 720 mm
Crusher bin volume	1,0 m <sup>3</sup>
Total weight	5,5 t
<b>Rotor system</b>	
Multi-tools	8 pcs
Crusher plates	2 pcs
<b>Drive system</b>	
Drive power	75 kW / 90 kW
Rotor speed	600 – 1000 rpm

Data refer to standard version, possible deviations due to variations.



## Dimensions

in mm	A	B	C	D	E	F
<b>LIMATOR 1200</b>	2669	1610	2518	1340	1020	720



Update: April 2014. Technical changes, misprints and errors reserved. All images are sample pictures. All specifications are approximate.