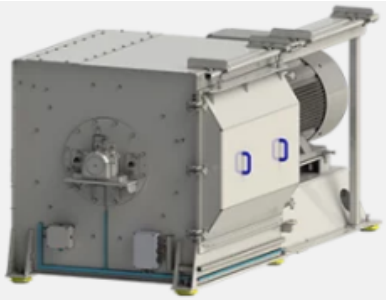
Boulder A.G.

5485 Conestoga Ct. +1 720 693-3751
Suite 200 sales@boulderAGinc.com
Boulder CO 80301 www.boulderAGinc.com
AUTHORIZED SALES REP - IMPORTERS/EXPORTERS

TIETJEN — DAS ORIGINAL

Specialist for fibrous material

STRAW MILL SD



Drive power	Grinding chamber area	Permissible weight	Grinding chamber diameter	Sieve width
90 – 250 kW	**1.84 - 3.60 m2**	**1900 – 2900 kg**	**1200 mm**	**640 – 1250 mm**

hide technical details

Technical details

- Geometry of the grinding chamber specially designed for comminution of fibers
- Suction and transport of material from the grinding chamber via aspiration air
- Variable particle size spectrum by changing the beater peripheral speed (when using a frequency converter)
- Robust welded steel construction for industrial continuous operation. With a second set of beams, the machine is immediately ready for operation again.
- Standstill monitoring with door safety device

Machine types

	SD 12	SD 25
Grinding chamber diameter	1200 mm	1200 mm
Sieve width	640 mm	1250 mm
Grinding chamber area	1.84 m²	3.60 m²
Dimensions and weights		
Length* (approx.)	2340 mm	3150 mm
Width (approx.)	1550 mm	1550 mm
Height (approx.)	1620 mm	1620 mm
Weight without motor	1900 kg	2900 kg
Drive 1500 1/min, 50 Hz – RPMs between 1000 und 1800 1/min (34 – 60 Hz)		
Power range	90 - 132 kW	160 - 250 kW

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FOR EXTREMELY EFFICIENT SIZE REDUCTION OF FIBRES

The straw mill SD has been specially designed for crushing fibrous material such as

- straw
- hay
- alfalfa
- miscanthus
- hemp
- jute
- coconut fiber

A comb in the inlet area as well as the special geometry of the grinding chamber grind the fibres particularly efficiently. Foreign bodies are separated by means of a catch pocket that is accessible from the outside. The beaters are fixed to carrier frames, which can be quickly and easily changed with a supplied device. This means that it only takes a few minutes to change the beaters and downtime is reduced to a minimum.