



PULP & PAPER

POWERFUL HIGH-CAPACITY CRUSHING

BioCrusher BSX
VERTICALLY FED CRUSHER

The vertically fed ANDRITZ BioCrusher BSX is designed for high-capacity crushing of bark and breakage from the log debarking process, including difficult-to-handle wood species like eucalyptus and

acacia. These wood species, as well as the easier ones like pine, spruce, and birch are crushed into uniform, optimized particle sizes (nominal particle sizes: P45, P63, and P100 – ISO 17225-1, table 5).

ANDRITZ

ENGINEERED SUCCESS

High-capacity crushing of bark and breakage

The BioCrusher BSX spreads the material efficiently, thus utilizing its full width for the crushing action. This results in efficient plug-free operation, with more even wear and tear on the crusher knives, which in turn results in higher availability and lowers the cost of maintenance.

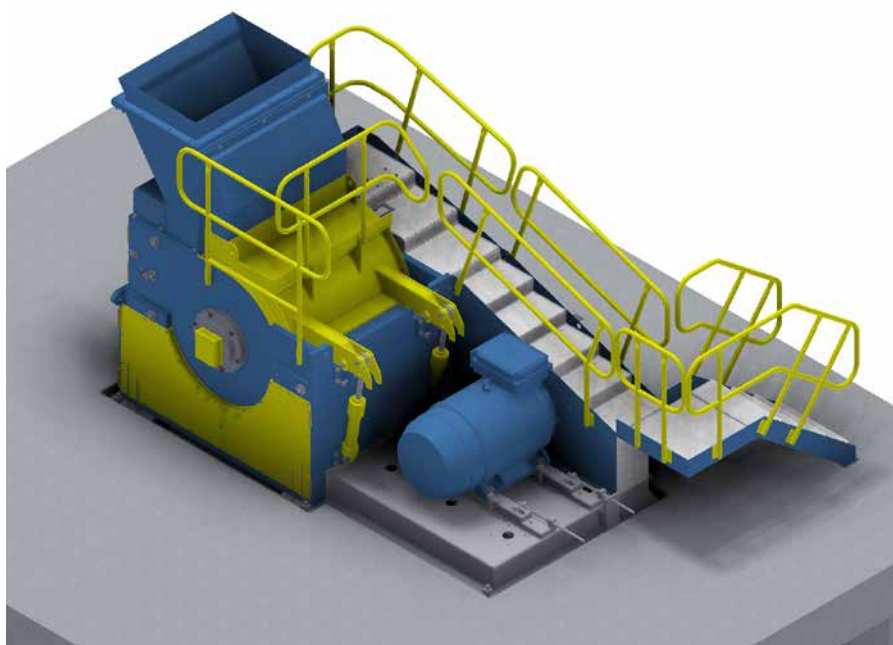
The fully enclosed design enhances work safety, reduces exposure to dust, and together with its sturdy construction also provides reduced noise and vibration levels.

BENEFITS

- Maximized efficiency and minimized emissions in the power boiler
- Unique four-stage crushing
- Grating with cutting knives for plug-free operation
- Long crusher knife lifetime
- Modular design enables the use of several knife systems
- Advanced condition monitoring (Crusher EKG) and remote/IIoT connectivity

Type	BSX 08	BSX 10	BSX 13	BSX 17	BSX 21	BSX 25
Rotor length (mm)	760	950	1,330	1,710	2,090	2,470
Max. motor power (kW)	200	400	630	800	1,000	1,260
Max. capacity (loose m ³ /h)						
• Euca./acacia	100	125	175	225	275	325
• SW/HW	125	150	220	280	340	400

Rotor diameter in all types is 1,234 mm



BioCrusher BSX 3D design

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