

Fletcher mill

The state-of-the-art technology to maximize your sugar yield



A cost-effective equipment to optimize extraction

- High extraction efficiency and high capacity
- Easy operation and maintenance
- Proven technology

Fletcher mill, advanced and proven technology to maximize extraction and performance.

HIGH EXTRACTION EFFICIENCY AND HIGH CAPACITY

- Fits high mill loads thanks to large bearing journals
- Available as a heavy duty 4-roll mill or coupled to a pressure feeder as a 6-roll mill
- Improved extraction thanks to the 4th roll which compresses and macerates the bagasse mat for a homogenous medium
- Juice drainage can be improved with the latest version of perforated top rolls (upon request)

STATE-OF-THE-ART AND PROVEN TECHNOLOGY

- Continuous improvement based on bicentennial and global expertise of the sugar industry
- Ultimate technology and perfect understanding of the operating parameters needed
- Robustness and long-life of the steel frames analyzed with FEA
- A cost-effective way to provide excellent mill feeding characteristics with enhanced throughput and improved bagasse moisture levels

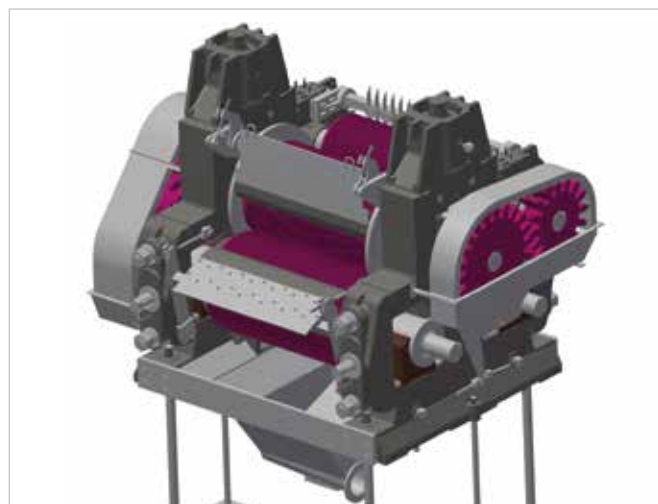
EASY MAINTENANCE AND OPERATION

- Simple horizontal adjustment of mill settings
- Correct engagement of the bagasse thanks to floating top scraper assembly
- Simple external adjustment of the trash turner
- Safe swift and removal of mill side rolls thanks to swing-down side caps

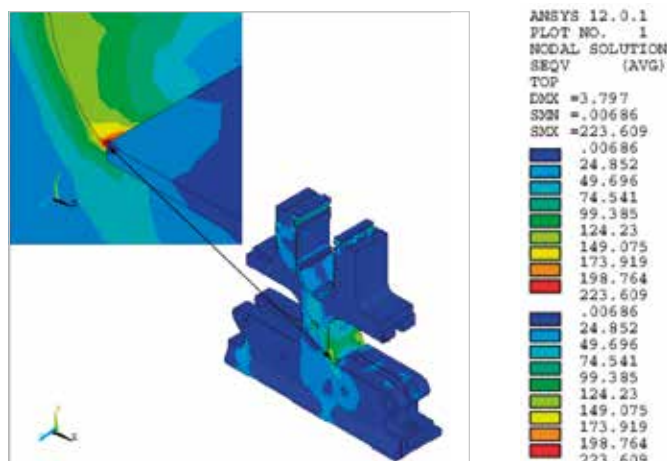
A LARGE RANGE OF MILLS TO MEET ANY NEEDS

Fletcher mill size		Journal length		Hydraulic load		Ram diameter	
diameter x length		diameter x length		max. lift	normal lift		
inches (mm)	mm (nominal)	mm	inches (nominal)	metric tonnes		mm	inches (nominal)
32 x 60	810 x 1,525	410 x 510	16 x 20	435	405	350	13¾
34 x 66	865 x 1,675	435 x 560	17 x 22	493	455	350	13¾
36 x 72	915 x 1,830	460 x 610	18 x 24	587	534	380	15
39 x 78	990 x 1,980	460 x 610	18 x 24	587	534	380	15
44 x 84	1,120 x 2,130	560 x 710	22 x 28	750	670	410	16¼
45 x 90	1,145 x 2,290	560 x 760	22 x 30	780	690	410	16¼
48 x 90	1,220 x 2,290	560 x 760	22 x 30	780	690	410	16¼
50 x 100	1,270 x 2,540	660 x 820	26 x 32¼	840	750	440	17¼

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Structural analysis of head stock



A FLEXIBLE AND COMPLETE OFFER

- A wide range of services to optimize Fletcher mill
- Full and comprehensive control system available for both milling and de-watering with diffusers
- Tailor-made consultancy according to each need to swing-down side caps

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