

In Line Shredder



→ Remove your knives
Keep your carrier
Install our In Line Shredder

Improved extraction

- Well adapted to long or chopped canes
- Preparation index up to 92%
- Increased sugar extraction with mills, MillMax® or diffusers up to 98.5%

Simple installation

- One unique equipment for all cane preparation
- Installation on existing carriers
- No cane knives required
- Small footprint

Easy operation

- Highly robust design
- Fully automatic operation
- Simplified removal of hammers

With over **200 years of continuous experience** in the sugar industry and **more than 800 references** in cane preparation technology, Fives Cail offers unparalleled experience in this field.

Fives Cail introduced the **genuine technology of In Line Shredder** to the market in the early 1990s which answered the very demanding

specifications to improve sugar extraction and increase plant's throughput.

Fives Cail Shredders produce a **maximum proportion of opened cells** providing excellent cane extraction characteristics whether for long or chopped cane.



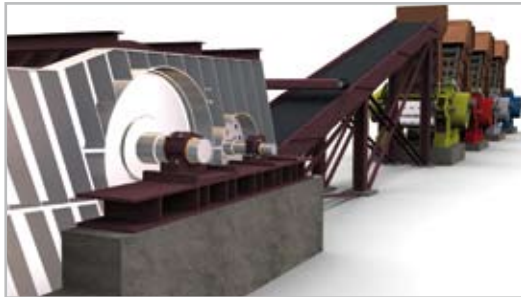
620 tch in Line Shredder - BRAZIL



Drives

- Electric motor
- Steam turbine

Fives Cail In Line Shredder: the best equipment for MillMax® tandem



Other equipment for cane preparation

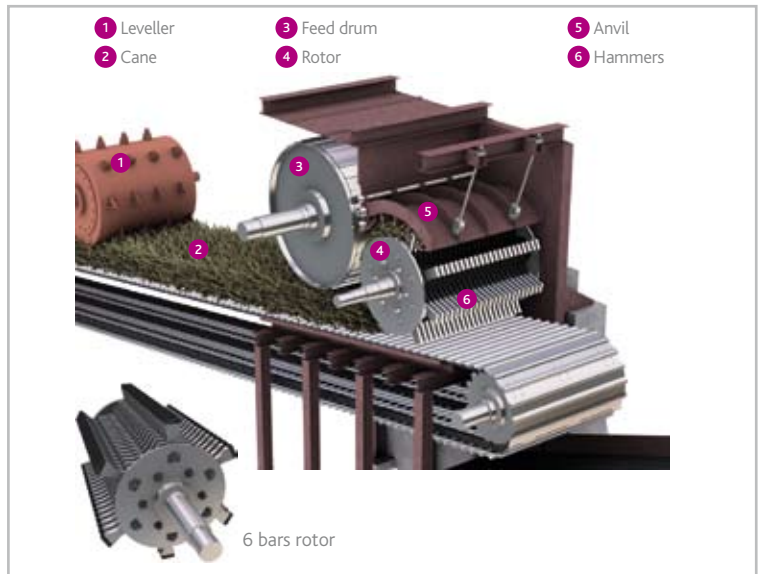
- Vertical shredders
- Levellers
- Magnet separators
- Capacity control systems



312 tch vertical shredder – PHILIPPINES

Capacity (tch)	Width (inches)	Installed Power* (kW)	Preparation index*
200 - 450	72"	1,800 - 4,000	up to 92%
250 - 600	78"	2,200 - 5,400	up to 92%
350 - 700	84"	3,100 - 6,300	up to 92%
450 - 800	90"	4,000 - 7,200	up to 92%
600 - 1,000	102"	5,400 - 9,000	up to 92%

* Fibre 15 %



Unrivalled cane preparation

- ⬆ Continuous and steady cane feed
- ⬆ High proportion of sucrose opening cells
- ⬆ Increased sugar extraction
- ⬆ Long fibres and less bagacillo
- ⬆ Optimised energy consumption
- ⬆ Modular design and construction
- ⬆ Unaffected by stones and rocks
- ⬆ Adjustable anvil
- ⬆ From 96 to 176 hammers



- ⬆ Low operating cost
- ⬆ Cleanliness / Hygiene
- ⬆ Safety
- ⬆ Ease of use
- ⬆ Yield / Productivity

Data for information only.