

Cail & Fletcher short retention time clarifier



The most cost-effective solution for your clarification process

- Maximized productivity
- Small, safe and clean
- Simple control system

With significantly reduced sugar losses and without loss of purity, the Cail & Fletcher short retention time clarifier is a piece of equipment of excellence in terms of clarification of juice

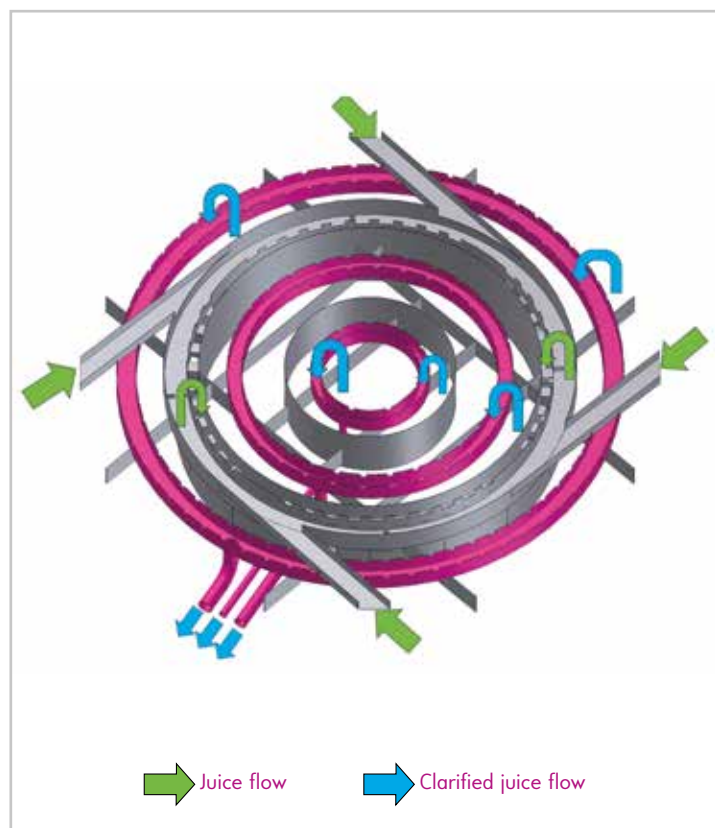


Dominican Republic - 10.4m

MAXIMIZED PRODUCTIVITY

- Minimization of sucrose losses
- No detectable purity drop
- 2 to 4 juice tangential inlets: reduced juice inlet velocity, designed for extremely low level of turbulence, improved distribution of incoming juice
- Higher throughput
- Reduction of turbidity
- Filters efficiency improved (mud of high density)
- Very low lime and flocculant quantities required

JUICE CIRCULATION



A WIDE RANGE

	Minimum	Maximum
Clarifier diameters (m)	6.7	14
Flash tank diameter (m)	2.5	5.2

SMALL, SAFE AND CLEAN

Fives offers the possibility to convert existing multi-tray clarifier to Cail & Fletcher trayless design, and upgrade current control system.

- Small footprint, foundations or supports in structural steel or reinforced concrete
- Elevation of flash tank relative to the clarifier, no control valve between flash tank and clarifier
- Robust design, very low maintenance requirements

SIMPLE CONTROL

- Simple mud withdrawal system, monitored mud level and discharge
- Safe and reliable drive unit, simple control with great flexibility of operation: planetary gear box + inverter
- Flocculant dosing controlled improving mud settling
- Efficient mixing and distribution of the flocculant

Today, over 50 Cail & Fletcher short retention time clarifiers have been installed across 4 continents.

- Proven technology, many references worldwide
- Low operating requirements
- Safe operations
- Possibility to convert conventional multi-tray clarifier

The information provided on this document is for information purposes only and does not constitute a legal obligation or a warranty, express or implied, of any kind.

CONTACT US