

SRI Jigger Tube Systems



Sugar Research Institute's Jigger Tube System improves massecuite circulation, energy efficiency and pan performance.

Designed in-house by SRI's world-renowned experts, *SRI Jigger Tube Systems* are installed under the calandria in batch and continuous vacuum pans to disperse a multitude of small gas bubbles into the massecuite over a wide area.

SRI Jigger Tube Systems are stainless steel tubes laser drilled with 100,000 small holes per metre of tube length.

The small hole size allows incondensable gases and/or vapour to be released from the tube without the return of massecuite or molasses through the holes.

SRI's Jigger Tube Systems are easily retrofitted to existing pans and can replace existing jigger systems. Commissioning is a simple process and no control system is needed.



Improved circulation

The *SRI Jigger Tube System* improves pan circulation without costly mechanical agitation.

Brix level variations, lump formation and massecuite movement are reduced or eliminated within the pan resulting in consistent crystal size.

Colouring is reduced as the improved massecuite circulation transfers heat more consistently.

Improved energy efficiency

SRI's energy efficient *Jigger Tube System* uses incondensable gases from the calandria and gas vapour to boost massecuite circulation without any mechanical stirrers.

The reduced steam or vapour results in higher heat transfer rates and a lower temperature differential.

Improved pan performance

SRI's unique jigger tube design is in use in more than 80 continuous and vacuum pans worldwide and has been engineered to never block or require cleaning, even during emergency shutdown.

SALES

For sales enquiries contact SRI or one of our global affiliates, agents and specialist partners:

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