AUSTRALIAN
& NEW ZEALAND
winemakers

Automated Barrel Cleaning Systems

James Davidson – Territory Manager

Overview

- Automation benefits
- Product Types
- Richmond Grove Installation
- Q & A

Benefits of automation

- Consistent & superior cleaning quality
- Achieve high extraction efficiencies from barrel emptying (ie. Minimal losses)
- Lower labour costs
- Improved OH&S
- Faster wash cycles
- Low water usage

Benefits of automation

- Wine operations which are accountable and controllable
- Confidence that the barrels are getting cleaned and used.
- Finish wines according to schedules
- Easy to clean
- Easy to transport
- ROI

Manual Barrel Washer

- Rotating Head

- Flexible Rotating Head

Semi-Automatic

- Standard

- Hydraulic

Automatic

> Double Station

> Three Stations

> Four Stations

> Five Stations

Automatic

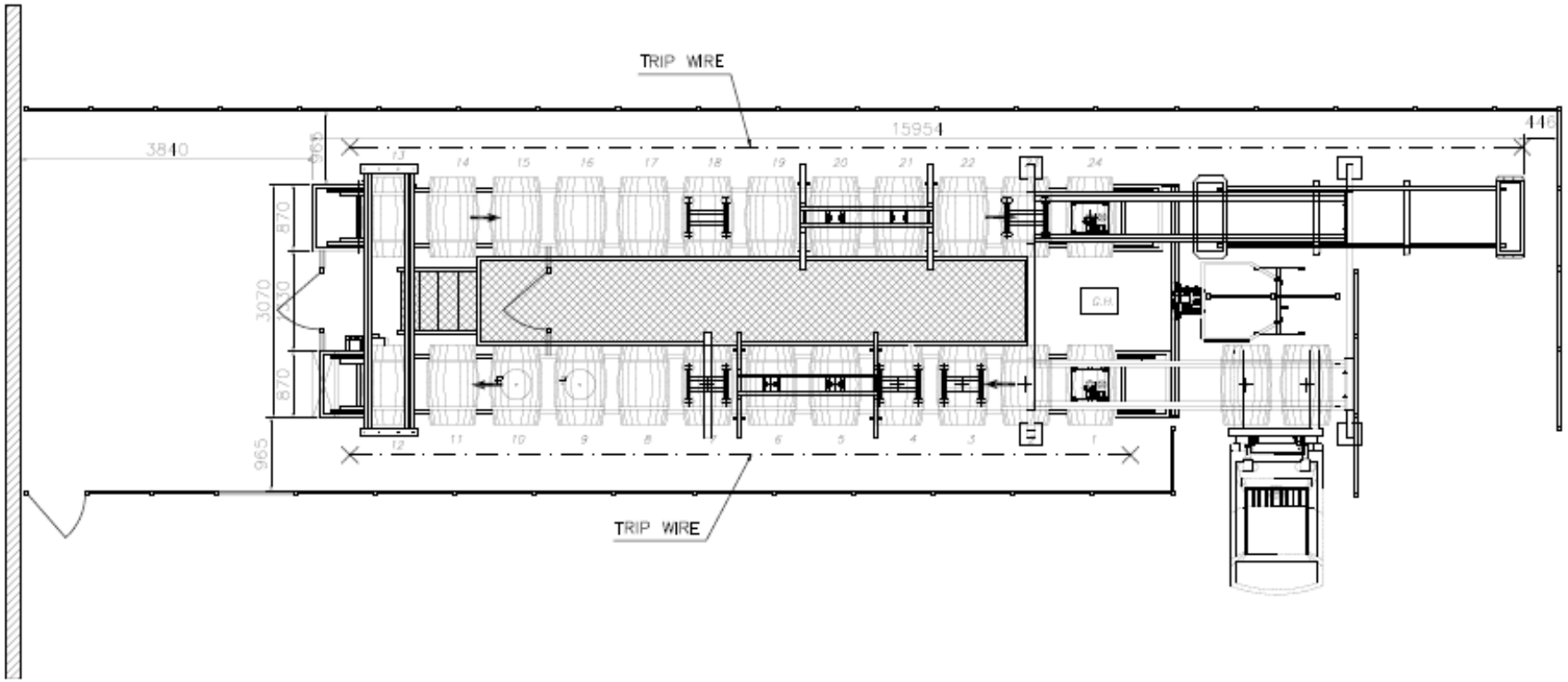
- Automated Systems

Richmond Grove

- Australia's first automated system installed in Nov 08
- EKINSA System
- Empties, cleans, sterilises and refills automatically
- Multidirectional rotation system that shoots water at a high pressure produced by the hydro cleaners – cleaning reaches every internal point of the barrel with enough pressure and volume to eliminate all existing residues

Richmond Grove

- Schematic



Richmond Grove

- Stage 1 - Loading Barrels onto Line
- Stage 2 - Emptying Barrels
- Stage 3 - Washing
- Stage 4 - Transfer from washing to filling
- Stage 5 - Filling
- Stage 6 - Stacking & Delivery

Richmond Grove

- Feedback from Peter Policki, technical engineer manager at Orlando Wines

  “The installation has saved time and labour when compared with our old methods. It is a strategic piece of equipment that encourages us to fill and empty at the same time thereby maximising the barrel efficiency”.

- 60 barrels per hour

Contact Details

THANK YOU

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