

# PREMIUM FEATURE: LINE BALANCE OPTIMISATION MONITOR

3-5% improvement opportunities instantly identified with our proven LBO™ methodology, now comes as a LineView™ module.



**LBO™**  
MONITOR

**EFFICIENCY**  
**PREMIUM FEATURE**

LBO Monitor™ leverages the power of LineView™ to identify line balance improvement opportunities.

Based on the relationship between the core machines, LBO Monitor™ provides data within your existing LineView™ interface on 'V' curve speeds, accumulation states on conveyors, restart times, machine ramp up times and recovery time after a stop, helping you optimise your line setup and unlock instant improvements.

# LBO™ MONITOR

Line Balance Optimisation is the process of optimising line performance through the effective use of automation & control philosophies.

Our Operational Excellence experts have created a model of “the perfect line” and developed a methodology called the “5 Levels of control”\* that aims to achieve it.

LBO Monitor™ focuses on the following live metrics per product type, as part of the process:

- Speed (Actual/Rated/Overspeed)
- Restart Times (m/c to m/c)
- Ramp Up Times (per m/c)
- Machine Recovery Time Vs MTBF
- Conveyor Accumulation Vs MTTR (m/c to m/c)
- Conveyor Capacity (m/c to m/c)

*\*Read more about the 5 Levels of control on [www.ofxacademy.com](http://www.ofxacademy.com)*



Eliminate the need of time consuming audit with automated live data per product type



Review data in the familiar LineView™ interface.



Detect deteriorating performance early on with live data automatically compared against historic records



Benchmark the line and measure improvements with automated process that generates a baseline score per product type



“The 5 Levels of control methodology helped identify more than 5% OEE gain. The Line Balance Optimisation process enables the line to flow better and get the most out of the accumulation on the line. I would recommend this process for all automated accumulation lines.”



Dave Barrett  
Production Manager  
AG Barr

#### Pre-requisites:

Existing network between PLC's  
A “Traditional V-Curve” production line  
LineView™ system in place

#### CONTACT

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