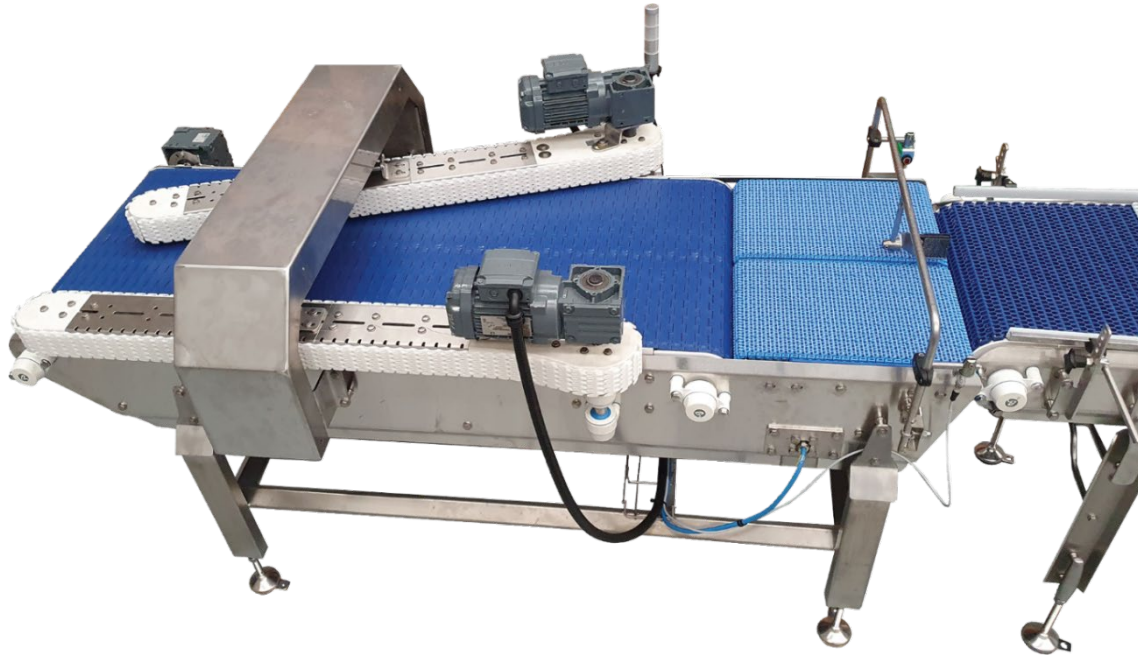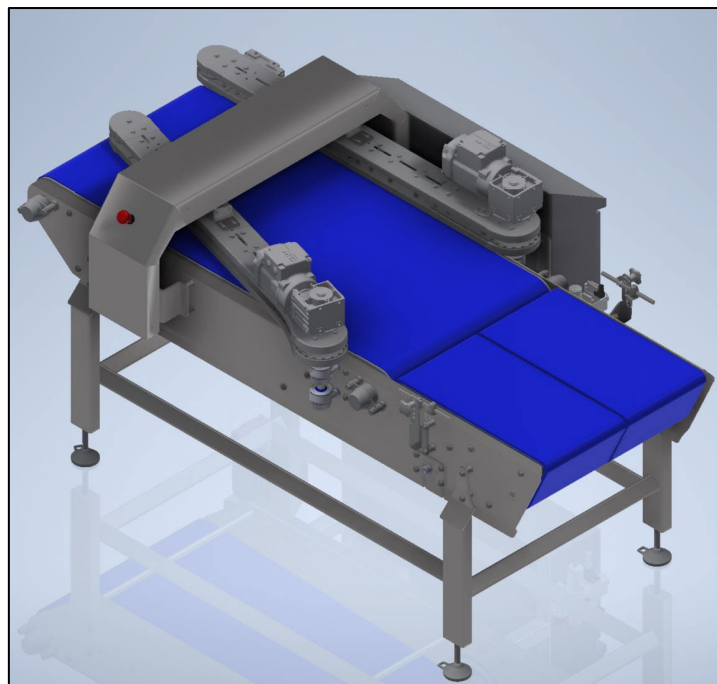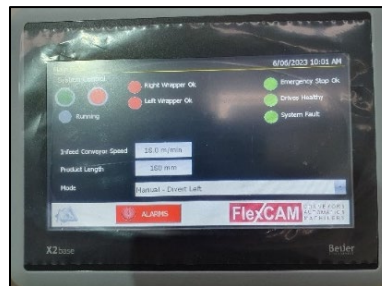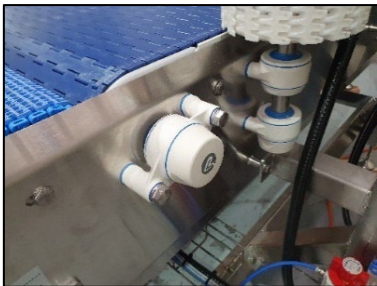# FlexMerge - Lane Merging System for 2:1 – 3:1 – 4:1 and 2:2 formats



Seamless converging of product between lanes. Ideal for flow wrapper or case packer infeed's where multiple lines need to be merged into a single lane for weighing, case packing etc. FlexCAM's FlexMerge merging system is capable of merging products at speeds up to 300ppm (depending on product size). It is supplied with or without side drive belts depending on the application.

| | |
|---|---|
| Application: | Merging products (naked and wrapped loose product, pouches, trays, tubs, packets, cartons, etc) at speeds of more than 300 parts per minute depending on size) |
| Recommended use: | › Prior to flow wrapping / carton erecting equipment / Check weighers or where multiple lines need to be merged to a single lane. |
| Industry applications: | Naked and wrapped products – punnets – trays – bagged products – wrapped products – bread and other baked products, and similar. |
| Benefits: | › Perfectly merges products into a single lane.<br>› Hygienic design ensures easy cleaning.<br>› One Motion™ magnetic drives - ensures perfect speed changes between products.<br>› Short lead times - Designed and built in Melbourne.<br>› Low energy consumption |
| Belt width: | › Matched to product type and size |
| Conveyor length: | › Matched to product size |
| Specification: | Designed for use prior to weighing, wrapping and packing equipment where multiple lines of product are sent to single line. The FlexMerge will |
| Design features: | › Speeds of +180ppm<br>› Stainless steel frames / shafts etc<br>› Low noise conveyor decks<br>› FDA Approved belting (modular belts - no need for tracking)<br>› Hygienic design with minimal flat edges<br>› One Motion™ Magnetic Drives on staging conveyors – provides servo like speed control<br>› Modular design = Simple maintenance<br>› Compact – small footprint<br>› Compact Logix PLC for product recipes – simple to configure.<br>› PowerFlex 525 Drives for speed control<br>› HMI panel for product menu changes<br>› IP65 and IP69 rated drives<br>› Local and global E-stops for operator safety |