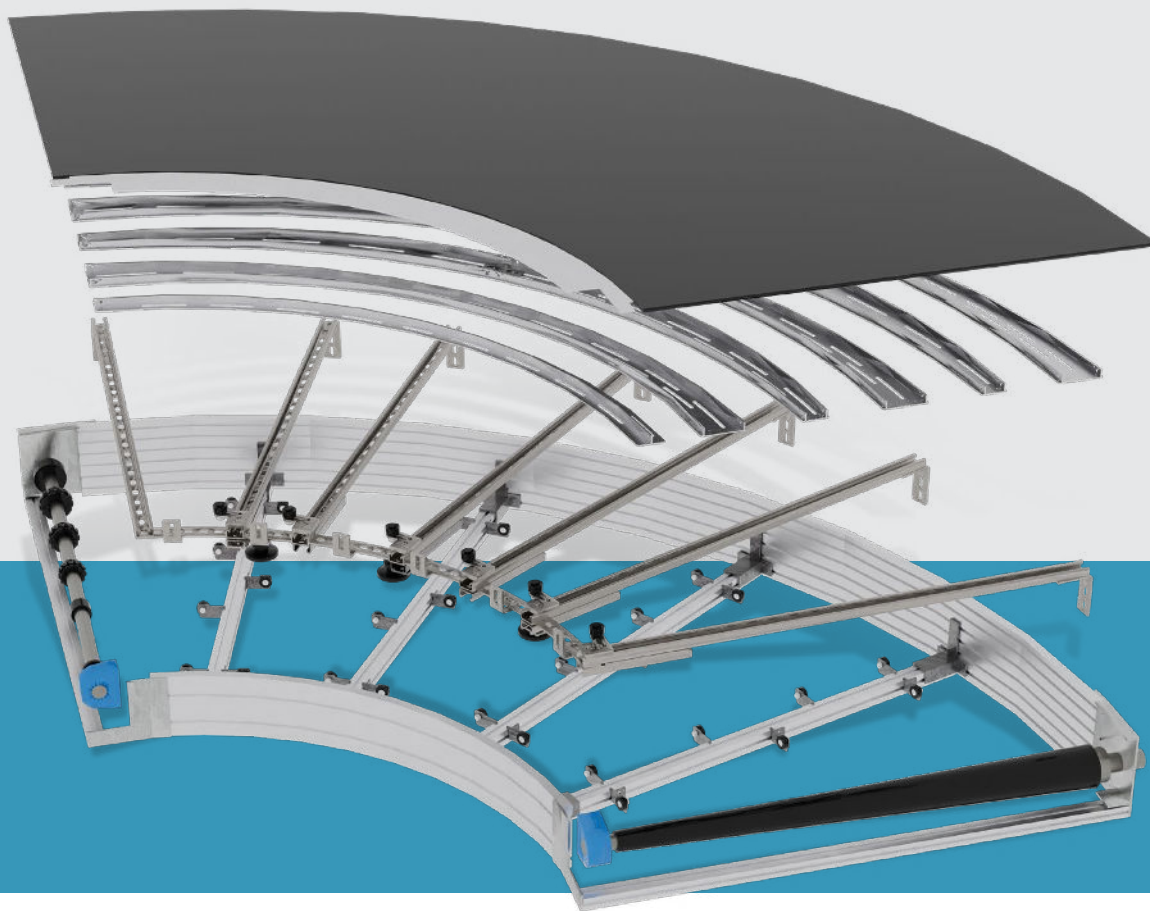
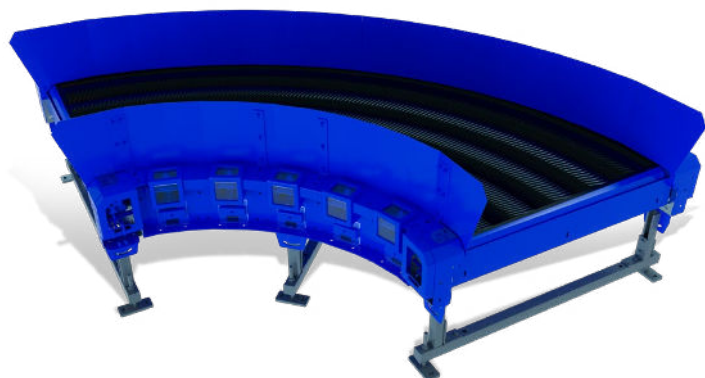




EcoCurve kit for 1550 mm centreline curved conveyors allows rapid replacement of typical non-recyclable synthetic belts with a modular plastic belt that can be sectionally repaired, reground and recycled, delivering a more sustainable belt solution.

The kit enables end-of-life curves to be upgraded in situ, minimising disruption and extending the operational lifespan of existing systems. It also substantially reduces the number of component parts compared with equivalent synthetic belt arrangements.

Patented: WO2023284927 - Belt and kit for adapting existing PVC-based multi-bearing edge-running belts to inside-edge bearing modular belts.



Product Features

The EcoCurve Kit System is a mechanically suspended retrofit solution designed to replace the existing running surface, belt support, and bearing positions typically required by synthetic belts. It introduces a structurally robust wear strip running deck, complete with integrated belt support and guide bearings, optimized for use with modular belts along the inner edge.

Rapid Installation due to the modular design and built-in adjustability, the Retrofit Kit can be installed with minimal disruption. In many cases, the conversion is completed quickly enough to allow the conveyor to return to service the same day.

Technical Details

Suitable for 1550mm CTR Line or 1000mm Inside Radius Belt Curves
Conveyor Angles – 30, 45, 60 and 90
Conveyor speed up to 2.0 m/s
Baggage weight up to 60 kg/m
Structural Loading 100kg/m (of the deck - subject to the original chassis)
V0 Fire Retardant Rated Belt