



MALLAGHAN CASE STUDY

SMILEY MONROE

 ZIP CLIP® ACCELERATE

SKYBELT PRODUCTION



SECTOR: AIRSIDE

SOLUTION: ZIP CLIP®

COMPANY OVERVIEW

Mallaghan is one of the world's leading manufacturers of Ground Support Equipment (GSE), trusted by airports and airlines globally for their innovative, reliable, and sustainable solutions. Built on a foundation of customer care and engineering excellence, Mallaghan's products keep ground handling operations running smoothly in some of the world's busiest airports.

From aircraft catering trucks to de-icers, Mallaghan's product range is constantly evolving. Their latest innovation—the SkyBelt—is a fully electric belt loader designed to improve the efficiency and sustainability of airside baggage handling.

SKYBELT

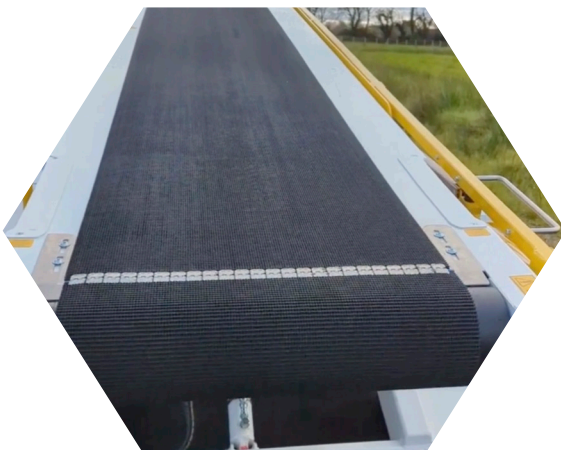
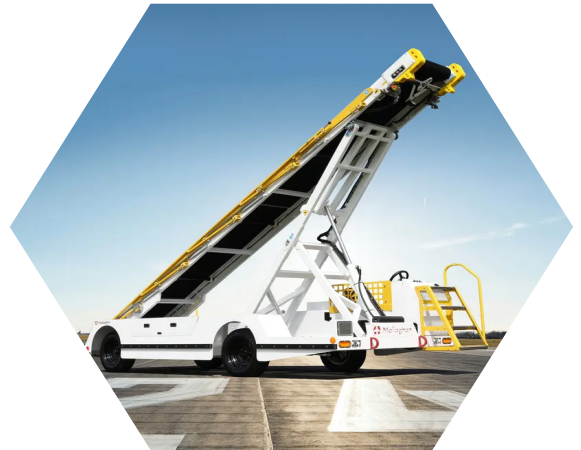
The SkyBelt is an all-electric belt loader designed to streamline baggage handling operations with zero emissions. Built for quiet, smooth operation, it is trusted by airport operators who require reliable equipment that performs consistently in high-pressure environments.



CHALLENGES

On the production line, fitting the belt onto the SkyBelt had been a slow and labour-intensive process, creating a bottleneck during assembly. Previous belt suppliers' products were difficult to track and align, adding complexity to manufacturing.

Airport ground crews faced similar challenges: when a belt failed on-site, it meant hours of downtime and the need to call in specialist vulcanising teams, costly in both time and operational impact.



SOLUTION

Smiley Monroe worked closely with Mallaghan's engineers to introduce ZIP CLIP®, the world's fastest replacement conveyor belt. ZIP CLIP® is factory-prepared and pre-tensioned, eliminating the need for vulcanising on the production line and allowing safe, tool-free installation in the field.

For Mallaghan, ZIP CLIP® eliminated production bottlenecks and lowered labour costs during assembly. For their customers, it means belts can be swapped in under an hour, quickly restoring operations and keeping airport ground support equipment on the move.



NOT ONLY HAS SMILEY
MONROE'S ZIP CLIP® HELPED US
ON OUR PRODUCTION LINE, IT IS
ALSO A **MASSIVE BONUS** FOR US
TO HAVE A BELT THAT CAN BE
EASILY CHANGED AND REPLACED
OUTSIDE WITH THE NEW ZIP
CLIP®. THIS ALLOWS US TO KEEP
UP THE TOP-QUALITY CUSTOMER
CARE THAT WE'RE KNOWN FOR.

ETHAN MAGOWAN, MANUFACTURING ENGINEER
MALLAGHAN



Mallaghan

smileymonroe.com

WHY SMILEY MONROE ZIP CLIP® BELTS?

WORLD'S FASTEST REPLACEMENT BELT

ZIP CLIP® is designed to minimise downtime—whether on the factory floor or the airport tarmac. Pre-assembled and pre-tensioned at Smiley Monroe's modern manufacturing facilities, ZIP CLIP® belts arrive ready to fit, enabling quick installation without the need for specialist training, vulcanising teams, or extra equipment.

PERMANENT, HIGH STRENGTH JOINT

Unlike temporary fast-fit belts on the market, ZIP CLIP® is engineered as a permanent solution, not a stopgap. The pre-fitted joint has equal to or greater tensile strength than the belt itself, ensuring consistent performance throughout the belt's lifespan. It is durable enough for harsh industrial applications and perfectly suited to the demands of ground support equipment, where safety and reliability are essential.

MAXIMISED UPTIME

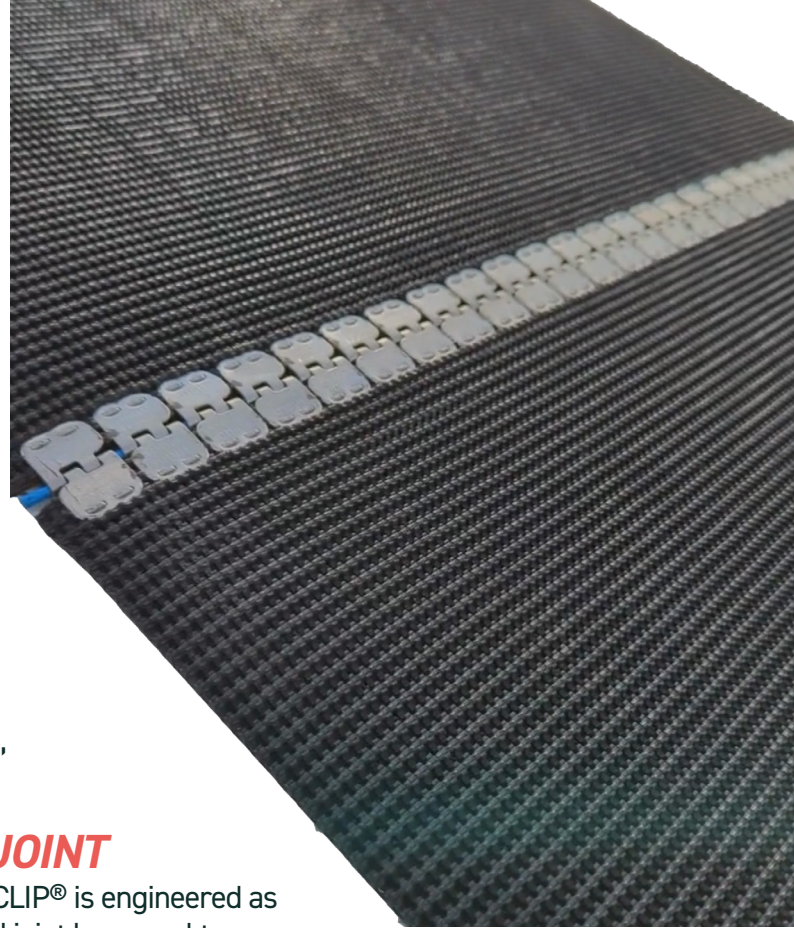
Downtime costs—whether on the production line or in the field. ZIP CLIP® minimises disruption by enabling quick belt changeovers, reducing labour hours, and getting equipment back up and running fast. It's designed to maximise operational uptime and keep conveyors running when it matters most.

TECHNICAL KNOW-HOW & PRODUCT SUPPORT

With over 40 years experience under our belts, we've stayed close to our customers to understand your machine, your material and your application. We thrive on problem solving and are determined to provide our customers with products which offer maximum uptime, wear life and process efficiency.

ZIP CLIP was the perfect fit for Mallaghan. It solved their production bottleneck and gave their customers a faster, safer way to replace belts on-site. That's what Smiley Monroe is all about—maximising uptime wherever our belts run.

KYLE MILLS, REGIONAL SALES
MANAGER, SMILEY MONROE





CONTACT US

GLOBAL HQ

Smiley Monroe Ltd
23 Ferguson Drive
Knockmore Hill Industrial Park
Lisburn
BT28 2EX
Northern Ireland
United Kingdom

+44 (0) 28 9267 3777
hello@smileymonroe.com
smileymonroe.com

OFFICE & PRODUCTION CENTRE US

Smiley Monroe Inc
205 North St
Franklin
KY 42134

+270 253 8001
enquiries.us@smileymonroe.com
smileymonroe.com

OFFICE & PRODUCTION CENTRE INDIA

**Smiley Monroe Rubber
& Allied Products (India) Pvt Ltd**
14/2C Begapalli Road
Anumepalli
Hosur
Tamil Nadu - 635126
India

+91 7397778189
smindia@smileymonroe.com
smileymonroe.com