

Airport & Logistics



HERBERT
systems

DESIGN | BUILD | INSTALL | SUPPORT | AIRPORT HANDLING SPECIALIST



Our products and systems have been 100% designed in conjunction with our customers. It is only by listening to your needs, that we have total confidence in our product.



Herbert Systems is an established company, designing and manufacturing innovative products and systems for the airport industry. With a highly proven product range and reliable technical support, we are able to offer a fresh approach to the baggage handling.

We are managed by founder Rod Herbert of R J Herbert Engineering, who has over 35 years experience in providing handling solutions to the food, recycling and logistic industries. The transfer of technology from these industries has enabled the team at Herbert Systems to develop new and exciting systems for the fast changing baggage handling industry.

We have an experienced design team, capable of meeting your handling system challenge, whether it is improving an existing system or designing an entirely new concept. We are able to design radical new solutions to common problems, by listening to our customers and developing new products if necessary, rather than simply adapting existing machines which may not be suitable.

Herbert Systems team can carry out a full review of your processes and establish the applications available to suit your needs. They will take into account the feasibility of a project and work out how it will lead to increased output, improved quality and lower costs.

Directed by design

Pathfinda

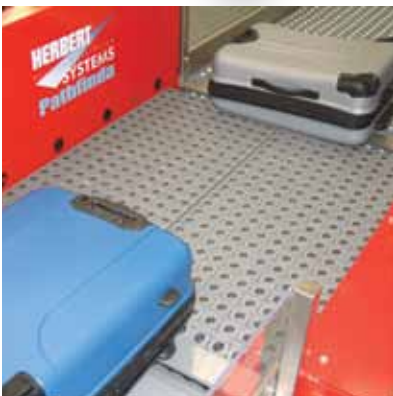
The highly innovative Pathfinda is an efficient baggage orientation device, which automatically "lines up" baggage prior to entering a scanner / x-ray tunnel or robotic handling equipment.

The industry transforming Pathfinda provides extreme orientation accuracy when presented with randomly fed baggage, coupled with exceptional reliability. Operating at speeds in excess of 400 bags per hour, the Pathfinda provides significant reductions in baggage jams and reduces labour requirements, which in turn helps to reduce cost.

The system has been designed with flexibility in mind to allow easy installation into existing systems. It is easy to operate and this, coupled with the fact it can integrate into existing systems, makes the Pathfinda very user friendly.



Space saving alignment system for tunnels 800-1000mm wide





Pathfinda Turbo

The Pathfinda Turbo, launched in March 2009, is an enhanced version of the existing Pathfinda, retaining the exceptional reliability of the original model whilst offering greater throughput and the ability to feed smaller tunnel screening machines.

The Pathfinda Turbo was developed to meet our customers' need for higher throughput and more accurate alignment which is required for smaller screening tunnels. With operating speeds in excess of 800 bags per hour, and up to 1000 bags per hour with pre-alignment, these needs have been comfortably met.

As with the original Pathfinda, the system is a flexible design which will easily integrate into existing systems and coupled with the simplified control makes the equipment easy to operate.



High speed alignment system for tunnels below 800mm wide



We don't get carried away

Endura

The Endura is a long life baggage and parcel conveyor, designed to minimise belt wear and tear and alignment issues normally associated with standard conveyors.

The Endura is fitted with a specialist modular belt, which negates the need for tracking and reduces the need for replacement, therefore offering an extended life span.

Customer requirements have as always been taken into account in the design of the Endura, as the modules are available in any length to suit our customers' individual needs. In addition, its simplistic design means it is easy to install and the belt segments can be replaced quickly, with minimal downtime.



Durable self-tracking conveying solution





Endura 2

The Endura 2 range of long life baggage and parcel conveyors has been specifically designed to allow conveyor installation into tight spaces, either up against walls or other conveyors.

It has roller bearings fitted inboard, which can be easily removed from the top side of the conveyor allowing quick maintenance. The Endura 2 is fitted with a specialist modular belt, which negates the need for tracking and reduces the need for replacement, therefore offering an extended life span.

Herbert Systems has taken into account the importance of environmental issues in the design of the Endura 2. The conveyor is made from recyclable components throughout.



Made from
Recyclable
Products



Systematically better

Automatic Tray Return System

The innovative new Automatic Tray Return System has been specifically designed by Herbert Systems in conjunction with a major airport operator, to help improve security check processes within the airport industry.

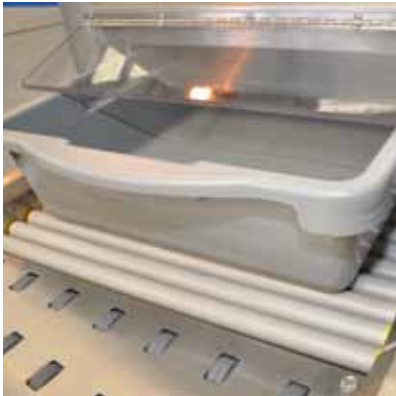
The new concept has focused on providing an Automatic Tray Return System to replace the traditional scanning system which has been slow, difficult to operate and not ergonomic. In addition, this new technology addresses a majority of the health and safety issues which arise from bulk tray handling, whilst being aesthetically pleasing. The Automatic Tray Return System will improve passenger throughput and provide a safe and simple system for airport staff to operate.

In addition, Herbert Systems also addressed the issues of flexibility, reliability and maintenance. Also the design, has created a cost-effective system, suitable for now and for the future. The modular format allows the system to be expanded quickly and easily allowing it to adapt to the changing needs of the business.





Ergonomic,
Intuitive, Easy to Use



All systems go!

Corna

The Corna provides an alternative solution to traditional powered curves, by providing smooth product transfer through 90°, whilst offering simple low maintenance. The reduced downtime for maintenance purposes leads to overall lower cost of ownership.

The Corna is available in a range of lengths and widths, making it suitable for most applications. Common use would be at ejection points that need to run either left or right.



Space saving 90°
Product Transfer





Power Corna

The Power Corna, launched in summer 2009, is an enhanced version of the already proven Corna. The Power Corna provides smooth product transfer which is ideal for manual intervention points and makes for safer handling of suitcases.

As with the existing Corna, the Power Corna is a quiet, reliable and cost effective product, offering a space saving footprint which is crucial for the majority of customers. The newly launched machine also meets the same high standards of low maintenance and reduced downtime.



Smooth Product Transfer



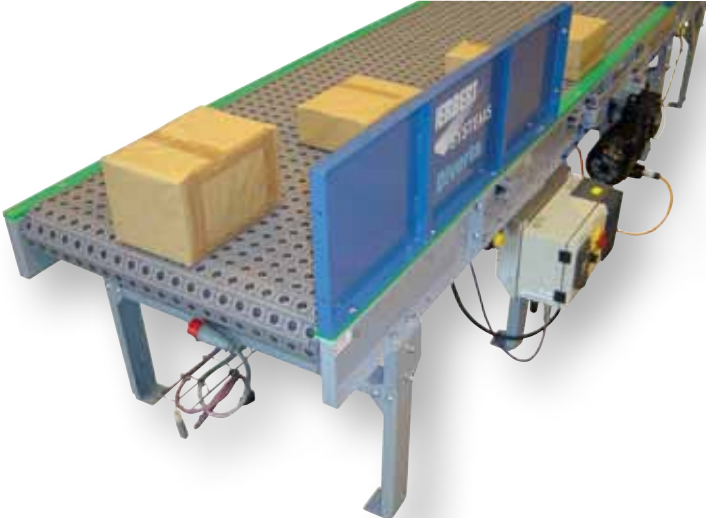
We can handle it

Diverta

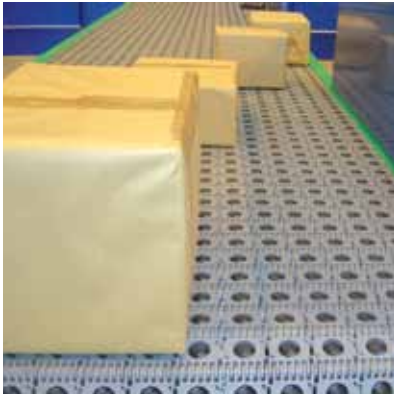
The Diverta has been designed using unique belt technology to provide product alignment on either side of a conveyor.

This technology offers a new parcel / baggage handling solution for system integrators, providing greater accuracy when used prior to other systems, such as Herbert Systems' Ejecta and general sorting systems.

The Diverta is available in a range of widths and lengths to suit multiple applications and is manufactured in a modular construction to provide a robust and reliable product.



Flexible Product Alignment





Ejecta

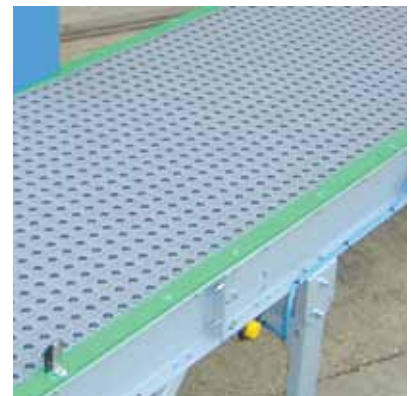
The Ejecta has been designed by Herbert Systems to provide a simple sorting system to eject parcels and baggage from one side of the conveyor.

The system can be equipped with multiple ejection points to allow multiple line feeds and with twin belt systems, to allow ejection on both sides.

The Ejecta is available in a range of widths and lengths to suit most applications and is able to handle both large and small products. The system is fitted with the latest angled roller belt technology to provide smooth product transfer with no jamming points.



Singulation with Multiple Ejection Points



Handled with care

Optima

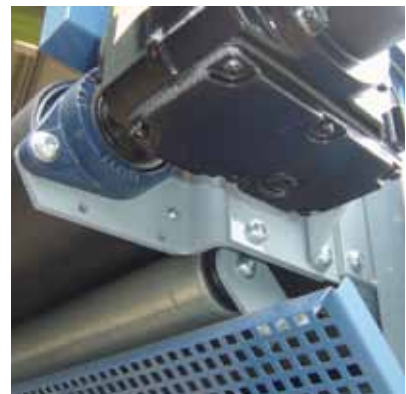
The Optima was designed by engineers for engineers and is therefore equipped to handle the challenges faced by maintenance engineers working in the parcel and baggage handling industries.

This unique conveyor offers a belt change time of less than 10 minutes and as only one person is required to carry out the belt replacement, it ensures minimum downtime and significant savings on annual maintenance costs.

In addition, the Optima provides the flexibility demanded by our customers and can be manufactured in any length, with incline and decline models also available.



Quick Belt
Change



Sola

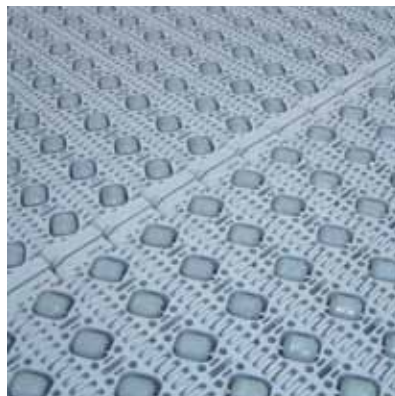
The Sola has been designed by Herbert Systems as a singulation and descrambling conveyor and is used extensively in parcel and distribution centres.

The system uses highly proven technology, eliminating the need for traditional contact diverting and alignment that has historically led to product damage.

The Sola is suitable for a multitude of different products and, as with the majority of the products in the Herbert Systems' range, it is available in a wide range of lengths and widths to suit most applications.



Singulation and De-scrambling System



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