

IS 60 Servo Sweep Indexer

Powerful Peripheral Automation



Some guarding and conveyors removed for clarity

IS 60 Features & Benefits

- Gently collates products into rows, either flat or vertical attitudes
- Indexes single or multiple streams of product into a vertical attitude with a servo powered, pocket indexer
- Transfers products 90 deg with a servo powered, continuous motion 'step-over' sweep up to **60 rows/ min**
- Full interlocked guarding protects open access frame
- Handles large flexible, rigid and semi-rigid products
- Fast changeover with retractable indexer and 'quick change' change parts.

IS 60 Capabilities

The wide size range of today's consumer packages, along with varied pack pattern requirements, demands full package orienting flexibility.

The *Edson IS 60* 'step-over' sweep transfer, in combination with its integrated 90 degree pocket indexer, provides a full range of orienting solutions, from simple multi-product transfers to 3 dimensional translations, at speeds up to 60 units/min.

The *IS 60 Indexer* uses product specific removable pocket flites, to 'up-right' product, while the *Sweep* transfers the indexed product row onto an accumulating conveyor. When flat patterns are desired, the Indexer is quickly retracted, and the Transfer can operate independently with a low friction flat deck, at up to 300 units/min.

Servo drives on both the *Indexer* and *Sweep* optimize product control, speed and handling. And product speeds, and patterns are easily selected through a convenient operator panel.

As a customized automation module, the Edson *IS 60* is configurable to match tight plant layouts, large product sizes, and complex collation patterns. The Edson *IS 60* can even handle multiple infeed lines, for higher speeds, and simpler conveyor layout.

Of course, the *IS 60* integrates seamlessly with any *Edson* servo or air based case packer.



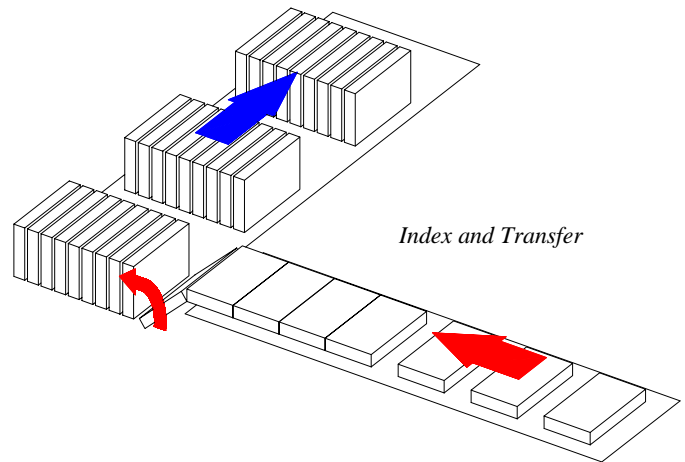
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Inside view of product infeed – note optional retractable indexer

Sequence of Operations

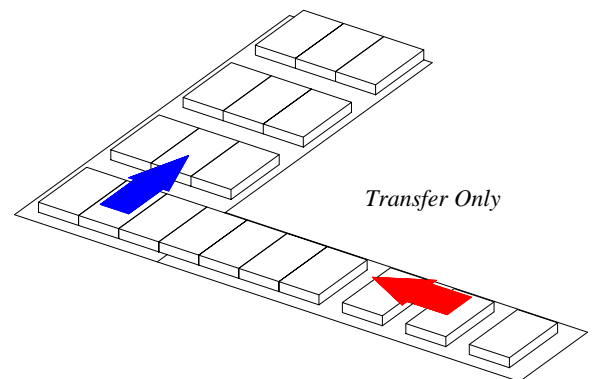
- Bundles or cartons are conveyed 'flat', either single or dual lane, to the **IS 60**;
- Each product is 'up-ended' vertically by the servo positioned pocketed flite;
- Each successive pocket *indexes* each product until a row of re-oriented product is formed;
- The servo sweep rakes the row of products out of the pockets and *transfers* the collated row onto the conveyor, feeding the case packer.



Specifications

The following are nominal specifications based on the **IS 60** handling large bundles of converted product, with a single infeed, transferring rows of product onto a 30" wide conveyor. Customized versions, for different sizes, handling smaller products at faster rates are available. Please consult Edson to verify your application capabilities.

Specification	Transfer Only	Index + Transfer
Product Size (max)	Max case length (30" / 750 mm)	25"x22"x 25" 635x560x625 mm
Product Type	Rigid, semi-rigid, flexible	Rigid, semi-rigid, flexible
Infeed Rate	300 + / min	60 + / min
Products/Row	Up to 30" across	Up to 8 products
Tooling	Adjustable sweep transfer arm	Minimum, Adjustable & Quick Change Parts for Flites and Sweep



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