

SC_t Servo Cassette Packer

Quick, Quiet, Controlled **Collation**

SC_t Tissue Packer

The SC_t Servo Cassette Packer is a unique collator / packer, developed specifically for handling tissue products, from facial cartons, to multi-fold towel to bath tissue and house towel. Tissue products come in rigid and semi-rigid packages, and the Edson SC_t Servo Cassette packer is a universal 'tissue' solution.

Excellent package control allows the collator to operate at up to 20+ cpm, and with the primary drives being servo powered, the packer is quiet, smooth and economical.

The SC_t Packer consists of a package / SKU specific shelved cassette that supports layers of product. The cassette is indexed vertically for loading. Once the cassette is loaded, the cassette is then emptied by a servo powered pusher, that accumulates a case load of product into the accumulation chute.

The fully adjustable accumulation chute engages with the case, and the previous load is gently packed into the awaiting case.

Wide open access allows for easy change-over, and maintenance. The pinned stripper bar is quickly removed to clear any jams that occur during collation, with access from either side.

Proven Edson sensor board detects a full tier of product before collation, minimizing jams and short fills.

The Edson SC_t Packer is powered by heavy duty servo drives, and controlled by Edson's intelligent *ELogix* control system. The operator's panel can be mounted on a swing arm to allow machine control from either side.



Facial cartons being inducted into cassette; full case load is accumulated in retractable chute

SC_t Packer Features & Benefits

- Gently collates and packs all rigid or semi-rigid tissue packages into 'case loads' at up to 20+ cpm
- Heavy duty belt driven linear actuators power vertical cassette and horizontal pusher mechanisms
- Rugged HHS gusseted tube frame provides stiff, vibration free operation
- Cassette and pusher change parts are conveniently accessible, with a 2 - 5 min change-over
- Can pack half count cases and HSC trays
- Controlled by Edson **ELogix** control system
- Quiet operation (< 76 dbA)
- SC_t Packer can be retrofitted to earlier Edson machines

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Sequence of Operations

- Rows of primary packages (rigid or semi-rigid) are conveyed into the SC_t Packer, entering the first shelf, until a complete tier is detected.
- The cassette is indexed vertically to the next shelf, where it is similarly filled. The cassette continues to fill in a similar fashion, until it is filled.
- The cassette moves to the packing station, and the pusher unloads the cassette into an accumulation chute. The previous load is packed into the erected case, the cassette returns, and the cycle repeats.



Guarding removed for clarity – note extra size range capability of stainless steel deck and sensor board already built it.

Easy adjustment of the product gate and stripper bar is from the open side of the SC_t collator, by coupling the 2 mechanical actuators. Fold away handwheels with counters provide convenient and repeatable adjustment, while locking handles secure the mechanisms in place. Sliding and locking surfaces are stainless steel.



SC_t Packer Specifications

Specification	Dimension	Comments
SC _t Footprint	106" x 67" W x 96" H	Available in right or left hand
Product Dim'n (max)	Very small to really big	Single roll BT to full case bundles
Product Capability	Rigid, semi-rigid	Cartons, bundles, single roll BT / HHT, folded towel, napkins
Packing Rate (max)	up to 20+ cases / min	Pattern & size dependent
Case Size Range	to 30" x 24" x 30" H	Large range for universal packing
Change Parts	Cassette & pusher	2 – 5 min changeover
Controls	Edson ELogix Servo	Edson's flexible control platform
Guarding	Full frame w/ lexan viewing panels & doors	Interlocked doors on both sides + removable maintenance panels

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technology

EDSON

PACKAGING MACHINERY