

ACCUMULATION & LOADING AUTOMATION



AuxMag Features & Benefits

- Improved control of imperfect corrugate
- High Speed KDF feeder rates to 24+ cpm
- Wide stack size range, to 54" x 50" x 54" H
- Automatic reject of bottom stack dunnage
- Integrates easily with new or existing case packers – Left, Right, Rear design
- Rapid change to next KDF size.
- Accumulates up to 12 KDF stacks for unattended operation



AuxMag Capabilities

The Edson AuxMag can provide hours of unattended case packing operation by automatically feeding KDFs to the case packer.

The AuxMag eliminates operator handling and loading of bulky KDFs into the case packer, and provides effective accumulation of the KDF stacks, in a space efficient area.

Once the KDF stack is placed on the in-feed Conveyor, the only manual operation is the removal of the straps and top dunnage, if any. The rest is automatic.

Also, there are various designs of AuxMags, depending upon KDF size, plant layout and feed rate.

Edson Case Packers utilize a 'horizontal KDF' magazine, for easy loading and compact size. Likewise the AuxMag accepts the bundles in a natural 'horizontal' attitude, thus eliminating awkward bundle re-orienting, and when change-over is required, the remaining bundles are simply reversed out – no manual re-stacking required.

The Edson Aux Mag is available as original system equipment, or as a retrofit to any Edson or other case packer.

Specifications

The following are nominal specifications based on the **AuxMag** handling KDFs for large cases. Edson has several designs for KDF Aux Mags, that are customized for specific applications. Please consult Edson to on the specific AuxMag and configuration for your requirements.

Specification	Feature	Benefits
Machine Dimensions	88" x 89" x 102" H 2.2x2.2x2.5m H	For large KDFs; magazine only
KDF Stack Size (max – nominal)	54" x 50" x 54" H 1.3 x 1.2 x 1.3 m H	Size range matches case packer range
De-Stacking Rate	18 / min	Each KDF handled separately
AuxMag KDF Feeding Orientation	Side: Left or Right In-line: Rear	Walk-thru for machine access std on Rear Load; optional on Side Load
KDF Conveyor Height	18" – 24" / 450 – 600 mm	HD, powered roller conveyor
Power Requirements	Elec: 10 amp @ 480 V Air: 0.1 SCF per case	Lift table driven by electric-hydraulic power pack
KDF Guide Adjustments	Air Motor Powered with remote operators	Servo auto-positioning available
Guarding	Full frame w/ viewing panels	Interlocked doors + removable maintenance panels

Sequence of Operations

Stacks of KDF bundles are loaded onto the KDF conveyor – operator removes straps & top dunnage;

KDF stack auto advances into the AuxMag destacker station; successive stacks indexing behind;

KDF stack is raised to the de-stacking height, and sides are tamped square for proper alignment;

Top KDF is fed into feeder ass'y that transfers single KDF into the case packer's primary magazine. KDFs continue to accumulate in the CP to the desired level;

KDFs are fed until the bottom dunnage is sensed. The dunnage is rejected into the dunnage station – a new KDF stack advances into the Destacker station.

