



## Lights, Camera ..... & Action

### Edson 1000 VHS Cassette Case Packer with Multi Case Pre-stacker

#### Application

Automate the collation and packing of 7 high speed videocassette packaging lines, in a space and cost effective manner. Project justification was based on the saving of 1.5 operators per line per shift. Products included clamshell and end load VHS cassettes.

#### Solution

The **Edson 1000 MCP** case packer is an economical and compact case packing machine that collates a wide range of cartons / case size matrices, and is designed to allow one operator to easily maintain the operation of the case packer and to palletize the filled cases.

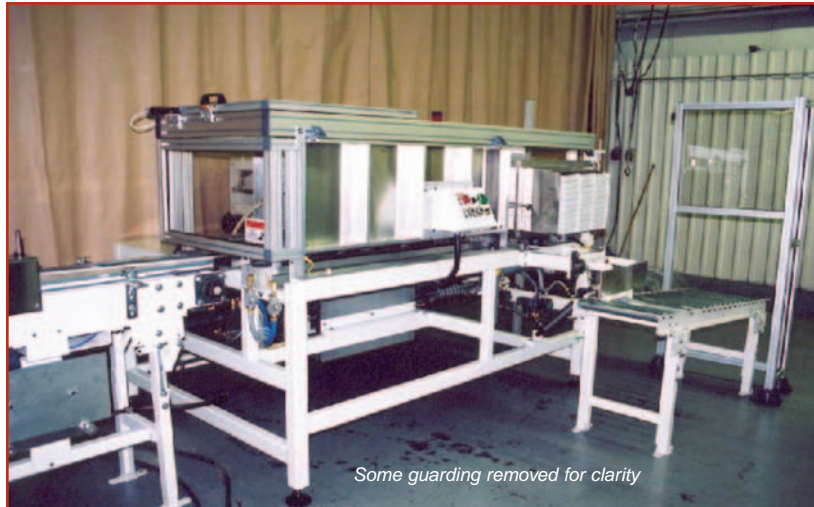
With the assistance of one Edson Service Technician, the customer installed / commissioned 7 **case packers** in less than 4 days.

#### Benefits

- Operator safety & convenience – eliminates repetitive stress concerns
- 1 person can operate 2 case packers, for optimized productivity
- 6 month payback (2 shift operation)
- Wide case size handling range, including 'vertical' cases



Multi-case Pre-stacker



Some guarding removed for clarity

#### Technical Data

Infeed rate: 150 cartons per min (required);  
400 cartons per min (capable)  
Case Packing Rate: up to 4.5 cases per min  
(applic'n max) – 1000 can operate up to 10 cpm  
Machine Dimensions: 84" x 66" x 58" H  
(conveyors not included)

#### Utility Requirements

- 8.0 SCFM per case @ 65 psig
- 10 amps @ 208 v (including conveyors)
- Machine Control: Rockwell A-B 5/01 PLC

#### Collator Type:

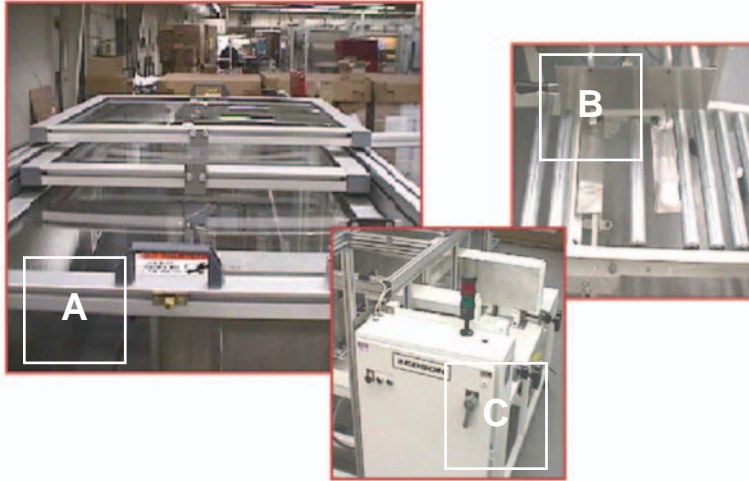
- 2 stage, mechanically adjustable, pneumatic multi case pre-stacker

creativity  
CRAFTSMANSHIP  
technology

**EDSON**  
PACKAGING MACHINERY

# Edson 1000 Multi Case Pre-Stacker Case Packer

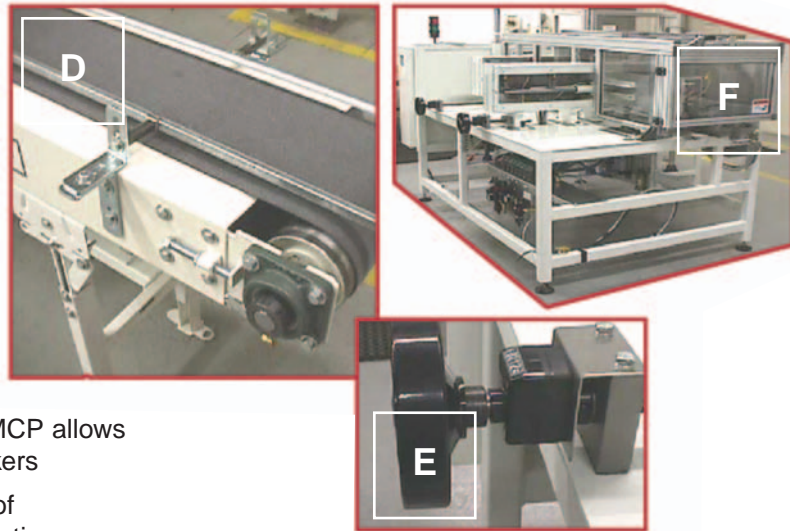
## Safety & Convenience



- A** Fully enclosed, modular aluminum frame guarding, with thick polycarbonate safety panels (machine and perimeter mounted)
- A** Interlocked access doors, with auto E stop shut-down sequence
- B** Air balanced case dump arm with large mechanical spacings, to reduce pinch risk during case loading and discharge
- C** Safety stack light, with programmed flash annunciation

## Operations & Maintenance

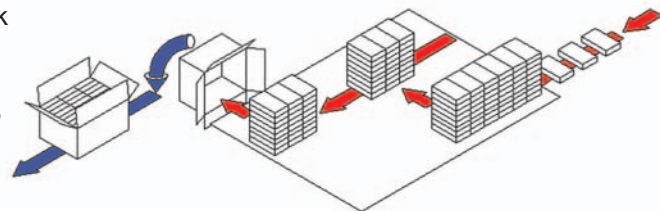
- D** Carton infeed conveyor uses 'scuffing resistant' belting to protect product during transfers
- E** Convenient hand wheels w/SIKO counters for fast change-over to new products
- F** Scratch resistant, polyurethane paint for easy cleaning



## Performance & Features

- Compact size of the Edson 1000 MCP allows one person to operate 2 case packers
- Accumulates over 1 minute worth of production, before operator intervention
- Eliminates damage with a 'scuffing resistant', engineered material for the conveyor belts and sliding surfaces
- Change parts fit neatly under the infeed conveyor, and are secured in a templated rack by quick toggle clamps
- Able to collate and present stacks of videos onto an accumulation table, for 'direct to pallet' palletizing

Two case load pre-stacker



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