



# INDUSTRY DEVELOPMENTS

Industry suppliers use this series to publicise in their words new or improved products and services.

## Input / Output inserting modules

### Flexible components can offer the complete solution for maximum labour efficiency

There is little doubt that the current mail production environment demands an efficient allocation of labour resources to ensure maximum cost competitiveness.

The starting point for efficient allocation of labour must be a robust mail processing platform, as inefficiency is inherent without reliable, consistent machine utilisation.

With these factors in mind inTelmail demonstrated at Trade Show 2002 a complete solution for maximum labour efficiency - High Capacity Loader, VAF Feeder, C5 intelligent mailing system and Auto Trayer. The inTelmail platform has earned its reputation for reliable performance in the most demanding production environments, and the integration of additional Input and Output modules, combined with a carefully planned production site and accurately monitored work processes, can lead to maximum labour efficiency with maximum machine utilisation.

The inTelmail High Capacity Loader (HCL) is an automatic hopper loader designed to interface with any inTelmail sheet feed system, topping up the hopper on demand to maintain a consistent stack height in the Feeder.

The High Capacity Loader is mobile and self powered, and can be moved from Feeder to Feeder. Quick and simple adjustments for paper size and hopper height have the Loader working within minutes. The HCL is designed to feed thicker packs less frequently, keeping up with the highest Feeder speeds with less wear.

The standard High Capacity Loader is equipped with these features and options

- \* Mobile, plug in unit
- \* Heavy duty, multiple use machine
- \* Adjustable speed keeps up with any requirement
- \* Holds up to 5,000 sheets, on edge

- \* Can be continuously loaded while operating
- \* Adjustable for height of pass line
- \* Adjustable for paper width and length
- \* Adjustable for separation and shingle control
- \* Adjustable stack height detector for use in receiving hopper
- \* Interface connection to receiving hopper
- \* On-off control
- \* Variable speed control
- \* Inching control
- \* Optional trailer sections for additional capacity
- \* Optional extended Feeder nose for longer reach

A key driver for every mail production environment is maximum labour efficiency. The relentless drive for cost-effective operation demands that mailing house labour resources be efficiently allocated and effectively utilised.

A robust, reliable mail processing platform is critical to maximum machine utilisation, an essential pre-requisite to achieving labour efficiency. Modularity and integration of mailing equipment thus becomes a key objective in both machine utilisation and labour efficiency.

In pursuit of this objective, inTelmail demonstrated at Trade Show 2002 its High Capacity Loader and Auto Trayer modules, fully integrated into an inTelmail C5 intelligent mailing system.

When integrated into an inTelmail intelligent mailing system, the HCL allows for efficient use of labour resources when utilising any cut-sheet input.

To complete the automation of the mail processing system, the inTelmail Auto Trayer automatic tray filling system is an add on module which can be positioned at the output end of any suitable high volume, high speed mailing system.

As filled envelopes leave the inserting system they are shingled along a conveyor, and fed into a buffer hopper

where they are stacked on edge. Envelopes are collected in groups and dropped from the buffer hopper into standard mail trays as each group is completed. The size of each group is controlled in Non-sort Mode by counter control, and in Sort Mode by a signal from an input device or from the up-stream system.

The Auto Trayer allows full time, high speed inserter operation, reduces labour requirements by up to 50%, improves mailpiece security and reduces human error in the traying process.

The standard Auto Trayer is equipped with these features

- \* Heavy duty construction
- \* Shingled conveyor and buffer hopper
- \* Semi automatic gravity fed tray change over
- \* Warning lights for low, empty and jam
- \* Low maintenance design
- \* Processes variable thickness mail
- \* Processes postcards, brochures and booklets
- \* Computer system
- \* Counter for batch control in Non-sort Mode
- \* Software for batch control in Sort Mode
- \* Connection to up-stream input signal
- \* Mini keypad and data display

When integrated with an appropriate inTelmail intelligent mailing system, the following options are available for the Auto trayer:

- \* Sort Mode group control by mark reading
- \* Sort Mode group control by barcode or OCR
- \* Provision for print out of tray labels
- \* Communication up-stream and down-stream

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