

# READING SYSTEMS

Kalmar MailPro can provide you with a full range of reading systems. From OMR reading via BCR scanning to ICR/OCR, Datamatrix or other 2-D codes.

I III I II  
OMR

BCR

2-D CODES

1 2 3 4  
NUMERIC

APCO62  
ICR

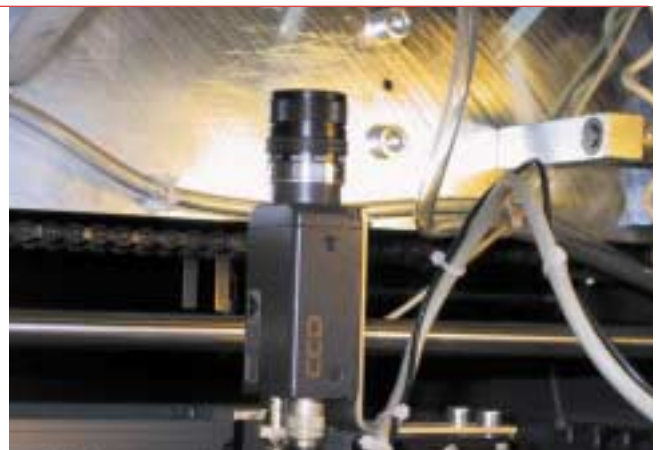
## OMR/BCR-SCANNER.

Will handle all common OMR/BCR codes on the market. OMR is freely programmed via the powerful software. The scanner is easily installed in any of the enclosure stations or in the channels.



## ICR/OCR-READING.

Use a CCD camera and read all the common codes or text for controlling the machine. Use it to read a code string (number) a 2-d code, a BCR-code etc. and find the data for controlling the machine in a database (file driven insertion). Use another camera for matching to the first one, or another database and a third camera to match with a pre-printed envelope at the same time without reducing the speed. Cameras can be integrated with any of the insert stations, the envelope station or the channels. Everything read will be stored for control and reprint purpose.



## OUTPUT VALIDATION MODULE

Our new standalone module, designed to fit almost any inserter on the market, reads a sequential number on the envelope (or through the envelope window) and stops and alerts the operator when the sequence is broken. In an upgraded version it can also match to a database (print file). All numbers read are logged and verified, and can be transferred to an internal network, or printed out.

Speed: 15000 documents/hours (see separate product-sheet for details).



## Flexibility to expand with the job?

### All Kalmar MailPro´s inserters are upgradable!

A company can start with a simple basic PLC system and Control panel E 300. It provides the sequential start up and end of run, as well as some statistics. Upgrade it with various PLC modules and the E 700 control panel and the user can integrate OMR/BAR code reading and/or channels with their inserter. The E700 terminal will store jobs and generate statistics, production reports, error reports, etc, which can be transferred to an international network (intranet) or printed out. It can also communicate via modem or over the internet.



E300



E700



PLC

#### PC-ENVIROMENT.

A fully integrated PC-based user interface allows greater job processing flexibility.

Any job can be pre-programmed, downloaded, stored and easily accessed. The system can interface with standard computer networks. The user can add camera reading to this and read whatever is printed. Upgrade to a stronger and more intelligent PLC system, and it is possible to fix any job that may appear.

