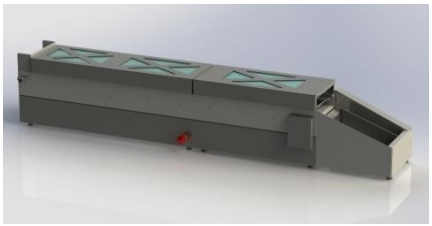
1 CxLetterScan



CxLetterScan is a modular letter capture machine. With the built-in camera, an image of items up to approx. 20 mm thick is recorded and processed.

Due to the high speed, processing of up to 10,000 items per hour is possible.

The CxLetterScan provides the basis for the simple and fast recording of shipments. Depending on the software option, different recording processes are covered.

1.1 Postage-paid Postage Recording with CxLetterScan R-Scan

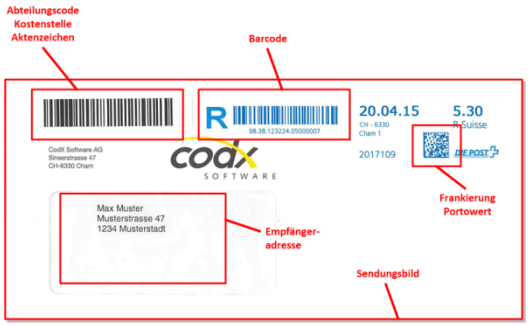
With the CxLetterScan R-Scan software option, postage-paid items are recorded in the outbox. The letters are franked normally using the existing franking machine. These items are then processed again with the CxLetterScan. A picture of the item is taken and read in accordingly.

By reading the postage value and any department code, the postage costs are apportioned accordingly.

Since the R-code and the recipient address are also read, it is later possible to search for the corresponding item. In addition, an electronic outgoing mail book is automatically kept.

In addition, the item image is stored in the database for research purposes. This gives you much more data than a normal franking machine can ever offer.

Data processed:



- Shipment number: e.g. R-Code from DIE POST. Used to research the shipment.
- Customer barcode: e.g. department code, customer number, etc. Used to allocate costs to the appropriate location.
- Recipient address: Used to search for the shipment.
- Franking value: Is read from the printed DataMatrix code of the franking machine. The franking value is debited to the corresponding point.
- Shipment picture: Used to document the shipment.

1.1.1 Technical Data *CxLetterScan R-Scan*

Processing power:	Up to 10,000 shipments per hour, depending on the operating mode and format of the shipment.
Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Camera image:	240 mm width, variable length. Approx. 200 dpi, one-sided, monochrome
Feeder:	Stack feeder / hand rest

Receiving tray dimensions:	End module / storage box
Installation dimensions:	Approx. 180 x 60 cm (with tray and feeder); weight: approx. 50 kg
Functions:	- Allocation of postage costs to departments based on printed department or cost center code - Read recipient's address and R-code for research and electronic outgoing post book - Automatic image storage in the database - Processing of different formats - Auto-Start / Stop - Variable speed up to over 800mm/s - Automatic speed reduction - Live image control - Extensive processing statistics - Seamless integration with PostOffice - Expandable with additional software options - Easy maintenance and care

1.2 Mail Registration Capture with CxLetterScan Capture

The CxLetterScan Capture software option is used to capture and route shipments. The recipient address is read and routed to the correct recipient using the data stored in the system. The routing information is printed out on the connected print module.

During routing, standard PostOffice processes such as image storage, opening rules, deputy rules, intelligent P.O. box systems, etc. are naturally supported.

The print module is a prerequisite for operating CxLetterScan Capture.

With this software option, the CxLetterScan is the ideal machine for capturing and processing incoming mail.

1.2.1 Technical Data *CxLetterScan Capture*

Processing power:	Up to 7,000 shipments per hour, depending on the operating mode and format of the shipment.
Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Camera image:	240 mm width, variable length. Approx. 200 dpi, one-sided, monochrome
Feeding:	Stack feeder / hand rest
Storage dimensions:	End module / storage box
Dimensions:	Approx. 240 x 60 cm (with tray and feeder); weight: approx. 80 kg
Functions:	• One-sided image acquisition, monochrome • OCR reading of the recipient address • Determination of recipient and logistics (routing) • Printing of sorting information and other data • Processing of different formats Auto-Start / Stop • Variable speed up to over 700mm/s • Automatic speed reduction • Live image control

	• Extensive processing statistics • Seamless integration with PostOffice • Expandable with additional software options • Easy maintenance and care

1.3 Image Capture with CxLetterScan Scanner

The software option CxLetterScan Scanner provides the basis for simple and fast image acquisition of letters. The captured image can be processed with an optional OCR reading. The shipment image and the read shipment data are stored in the database or as a file for further processing.

This makes the CxLetterScan the ideal solution for capturing consignments for documentation in incoming and outgoing mail.

1.3.1 Technical Data *CxLetterScan Scanner*

Processing power:	Up to 10,000 shipments per hour, depending on the operating mode and format of the shipment.
Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Camera image:	240 mm width, variable length. Approx. 200 dpi, one-sided, monochrome
Feeding:	Picture formats: BMP, JPG, TIFF, PGM, PNG, TARGA, JPEG 2000
Storage dimensions:	Stack feeder / hand rest
Dimensions:	Storage tray / storage crate
Functions:	• One-sided image acquisition, monochrome • Optional OCR reading of text and barcodes • Processing of different formats • Auto-Start / Stop • Variable speed up to over 800mm/s • Automatic speed reduction • Live image control • Extensive processing statistics • Seamless integration with PostOffice software • Expandable with additional software options • Easy maintenance and care

1.4 Incoming inspection with CxLetterScan Goods Receipt

The software option CxLetterScan Incoming Goods offers the simple and fast incoming goods control of shipments in the inbox. The R-code of the shipment is read in and processed. After processing, a detailed receipt protocol is available.

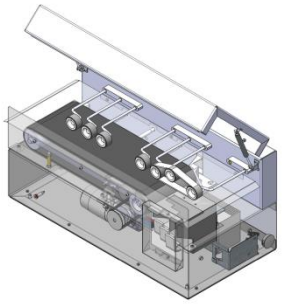
If the postal service notifies the consignments electronically in advance (e.g. DIE POST ZLP), the notified consignments are automatically compared with the imported consignments. The difference list then shows you the items delivered, the missing items and the surplus items. This allows you to check the consignments quickly and easily.

1.5 Technical Data *CxLetterScan* Goods Receipt

Processing power:	Up to 10,000 shipments per hour, depending on the operating mode and format of the shipment.
Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Camera image:	240 mm width, variable length. Approx. 200 dpi, one-sided, monochrome
Feeding:	Stack feeder / hand rest
Storage dimensions:	CxLetterScan end module / storage box
Dimensions:	Approx. 180 x 60 cm (with tray and feeder); weight: approx. 50 kg
Functions:	• Reading of R-codes from broadcasts • Printing of input report • Comparison of electronically notified shipments and creation of difference lists • Automatic image storage in the database • Processing of different formats • Auto-Start / Stop • Variable speed up to over 800mm/s • Automatic speed reduction • Live image control • Extensive processing statistics • Seamless integration with PostOffice software • Expandable with additional software options • Easy maintenance and care

1.6 Hardware-Option: *CxLetterScan Printmodul*

The CxLetterScan print module is used for printing processed mail. The print is made with a high-quality, industrial ink jet printer.



Industrial ink cartridges are used, which can be exchanged quickly and easily. The special ink dries out completely very quickly so that the print does not smear. Depending on the application, ink cartridges of different colors or specific for different materials (e.g. foils) can be used.

The CxLetterScan print module can print different information depending on the processing. The print layout can be set up specifically for each application.

1.6.1 Technical Data *CxLetterScan Printmodul*

Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Print position:	Top left of the broadcast
Print width:	1.5" / 38mm
Ink cartridge:	3 pieces
Assembly:	Easy mounting to existing CxLetterScan
Installation dimensions:	Approx. 70 x 60 cm (only print module itself); weight: approx. 50 kg

Functions:	• Printing of various information about the consignment • Print layout depends on processing and operation mode • Print offset, depending on consignment and processing • Easy replacement of the ink cartridge • Processing of different formats • Auto-Start / Stop • Easy maintenance and care

1.7 Hardware-Option: *CxLetterScan Sorting-modul*

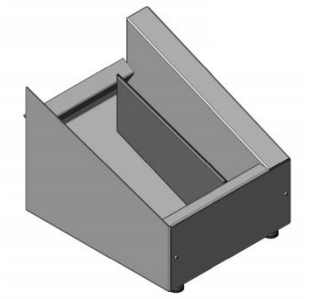
The CxLetterScan sorting module is used to sort processed shipments. The sorting module contains three compartments. Up to three sort modules can be arranged in a row.

1.7.1 Technical Data *CxLetterScan Sorting-modul*

Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Sorting compartments:	3
Assembly:	Easy attachment to existing CxLetterScan. Up to 3 sorting modules can be arranged one after the other.
Dimensions:	Approx. 130 x 60 cm (only sort module itself); Weight: approx. 50 kg
Functions:	• Sorting out shipments with certain criteria • Processing of different formats • Format slider for small formats • Easy maintenance and care

1.8 Hardware-Option: *CxLetterScan Endmodul*

The CxLetterScan end module offers a shingled storage of the shipments at the end of the machine. This allows the items to be stacked quickly and easily and packed in crates, for example. This saves time and ensures compact filling of the crates.



1.8.1 Technical Data *CxLetterScan Endmodul*

Processing:	C6 long up to B4 transverse, up to approx. 20 mm thickness
Assembly:	Easy mounting to existing CxLetterScan
Installation dimensions:	Approx. 40 x 60 cm (only end module itself); weight: approx. 9 kg
Functions:	• Scaled filing of shipments • Automatic stop when tray is full

	• Processing of different formats with adjustable slider • Easy maintenance and care

1.9 Hardware-Option: Control unit

In order to guarantee the performance of the CxLetterScan, we offer as a hardware option the optimal control unit consisting of a high-performance computer, suitable monitor with touch operation, keyboard with touchpad and monitor swivel arm.

The control PC is designed for the maximum processing speed of the CxLetterScan and offers all necessary connections and cables. The control PC is designed for maximum speed control, operation and image processing with optional OCR reading. The supplied swivel arm optimally positions the monitor with touch operation and the keyboard with touch pad and ensures freedom of movement when operating the CxLetterScan.

1.10 Hardware-Option: Display furniture

The set up furniture for the CxLetterScan is designed for optimal operation of the CxLetterScan. It is precisely matched to the dimensions of the CxLetterScan and offers sufficient storage space for the ergonomic operation of the CxLetterScan. The display unit also offers enough space to store consignment boxes and consumables.

The set up furniture is optimally prepared for the hardware option 'control unit' and the necessary cable bushings and mounting options for the monitor swivel arm. The control PC is housed in a protected compartment with sufficient ventilation.

The CxLetterScan is accessible from all sides with the large, lockable castors. This is particularly useful for cleaning and maintenance.