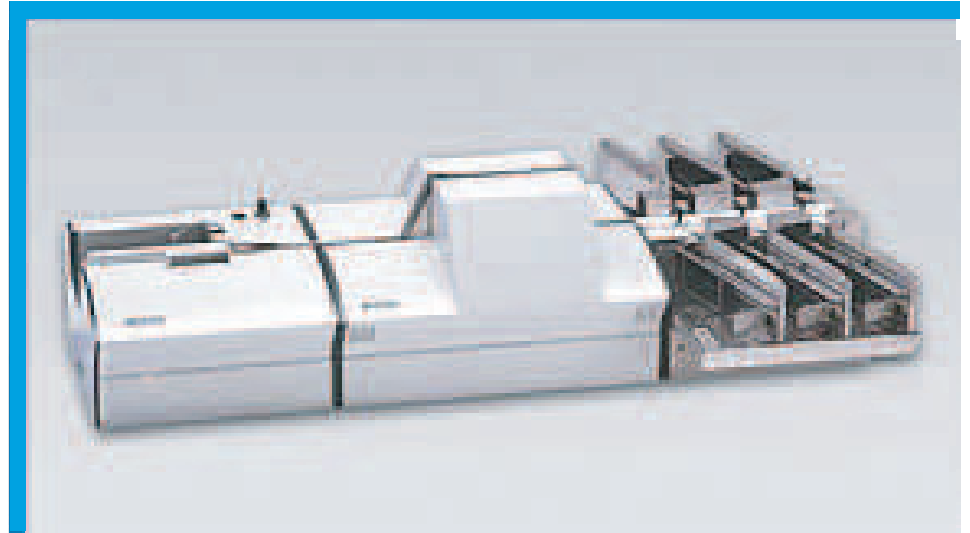


HLS 100 N HIGH LEVEL SCANNER



HLS 100 N

Conception

The initial target of the development of the HLS 100 was the ideal combination of high item throughput, total modular and safe document transport with a minimum space requirement.

Now the HLS 100 is available with new image features:

A Front Camera for online OCR and barcode recognition at any area on the document, including sorting in the same pass.

Two additional cameras (front and rear) for archiving in color or greyscale.

Technology

The HLS 100 N is a well balanced high speed processing system. The Feeder has a capacity of up to 1000 documents and an exception item slot as well as double feed detection, optional on ultra sonic base.

The Central Unit with its straight on transport track reduces the danger of paper jams. High performance cameras guarantee superior image quality in combination with perfect MICR reading and OCR and barcode out of the image. Each Sorter Module has 6 motorized output pockets and they are scaleable up to 60 pockets.

Applications

Check processing

- Image archiving
- ICR
- Processing of any tickets
- Processing of payment forms
- Signature verification
- Processing of all kind of small size documents

Characteristics:

- Compact table-top modules
- Modularity
- Walther offers a complete device driver including the whole image handling for easy application development.

Technical Data

- **Automatic batch** and exception item feeder with double feed detection, on ultra sound base.
- **Input hopper capacity** 500, or 1000 items, continuous load.
- **Item length:** max. 230 mm / min. 80 mm
- **Paperweight:** 70 g - 120 g
- **Measures:** 32 x 38 x 19 cm
- **Weight:** 9 kg approx.

Central Unit

Image Features:

- Two Front and one rear cameras with 200 DPI resolution
- 24 bit color images
- Grayscale images with 256 levels of gray,
- Black/White images generated by software
- Scanning throughput up to 230 dpm for 6" items at transport speed of 1 m/s

Interfaces:

- 1 x RS 232 (V.24)
- USB 2.0 for image data

Measures: 46 x 55 x 27 cm

Weight: 18 kg approx.

Reader Options

- **Optical Character Recognition** OCR-A, OCR-B, E13B, Barcode with special image camera on the whole document.
- **Magnetic Character Recognition** CMC-7 or E13B (MICR)
- **Reading-speed** 1 m/s.
- **Read & sort throughput:** OCR and/or MICR up to 250 dpm for 6" items
- **Endorsement:** noiseless ink-jet printer, rear with high capacity ink cartridge.

Item Sorter

- **Module with 6 motorized output stackers for heavy duty purpose**
- **Output stacker capacity** up to 300 items, depending on paper
- **Upgradable** to up to 10 modules (=60 stackers) at constant speed
- **Measures:** 32 x 62 x 19 cm
- **Weight:** 15 kg approx

Power supply

- **External power supply:** 230 /115V 50/60 Hz +/- 10%
- With 3 connectors for modules
- **Ambient temp.:** + 10°C - + 35°C
- **Relative humidity:** max. 90 % non condensing
- **Measures:** 23 x 17 x 20 cm
- **Weight:** 3 kg approx