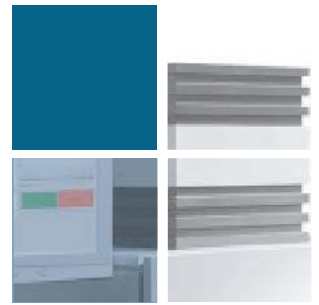
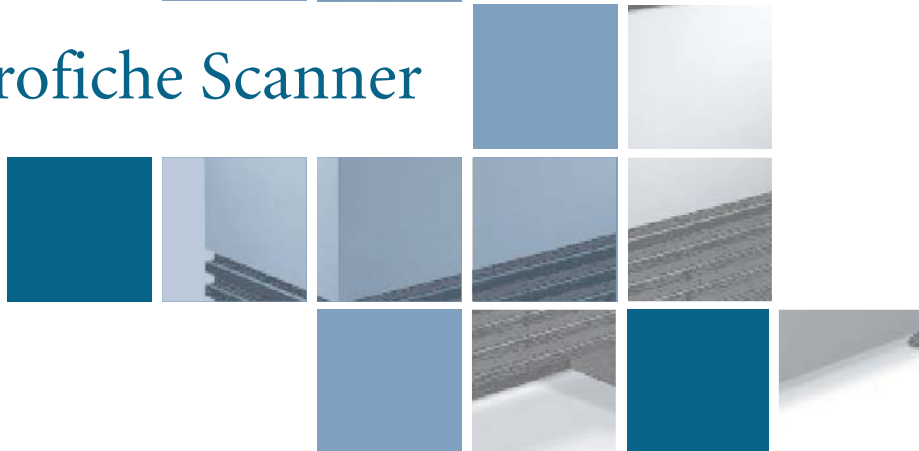


# Innovation & Precision



DRS Production Microfiche Scanner



# Advantages

## Better Image Quality

The DRS uses a full frame digital camera to capture images in grayscale format. The digital camera provides far superior image quality to conventional line scanners. The resulting JPEG files can then be converted to PDF or TIFF using a batch conversion utility.

## Leave Things Unattended

The DRS is able to automatically feed up to 200 fiche or 100 jackets. This enables the DRS to run unattended all day or through the night.

## Eliminate Having To Scan Every Row On The Fiche

The overview image identifies where the images are located on the fiche so the DRS only scans the images you need.

## Processing At Warp Speed

The DRS can process up to 2000 images per hour.

## Enter Index Data Without Opening The Document

The DRS captures the entire fiche including the title block enabling the user to OCR the title strip. This eliminates the need to open the document in order to enter the index data. Even if it's not possible to OCR the title strip, you can index from the Overview Image.

## Technical Data

### CCD Camera

- 2300 x 3500 pixels

### Resolution

- Up to 300 dpi (higher resolution is possible)
- 12 bit grayscale

### Speed

- Scans up to 2000 images per hour, which includes all processes involved in converting a microfiche to a digital format (no operator involvement)

### Fiche / Jacket Types

- Supports all standard fiche and jackets including COM, AB-Dick, silver, diazo, positive, negative, duplex, cine-mode, comic-mode
- Image can be 16mm and 35mm
- Mixed types possible in one cycle

### Reduction Ratio

- 15x up to 50x

### Fiche & Jacket Size

- 105mm x 148mm and 103mm x 152mm (metric, imperial), other dimensions possible

### Automatic Feeder System

- Automatic fiche/jacket loading and unloading
- Holds up to 200 fiche including reversing box

### Image/Frame Detection

- Automatic image/frame detection even for low contrast images
- Manual digitization possible

### High Quality Digitization

- Automatic compensation of density variations for each image
- No movement during digitization
- Automatic cropping and deskewing

### File Formats

- TIFF, JPEG, binary and grayscale files, multipage formats
- Customized formats i.e.: MOD:CA

### Main Components

- Embedded Windows-based industrial computer including:
  - 1 GB ethernet-link for data transfer
  - LCD-display, wireless keyboard and mouse, illuminated automatic fiche and jacket stage
  - Electronic insertion unit with micro controller

### Customized

- Adapted feeder and frame detection for special fiche/jacket sizes