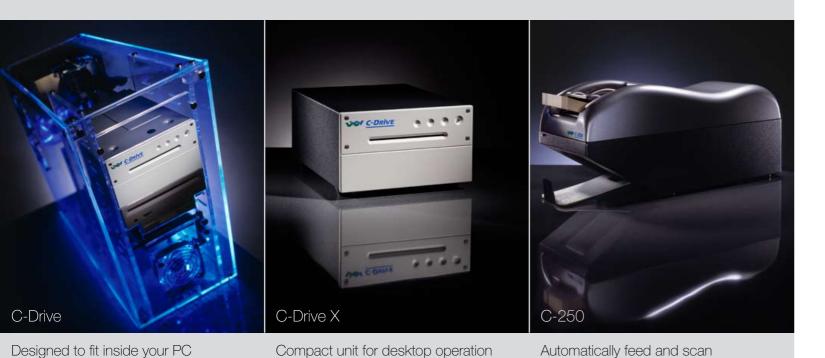# C-Series

The C-Series from Wicks and Wilson is a range of compact scanners for digitising microfilm aperture cards. Once scanned, the data can be accessed instantly for viewing, printing, emailing, distribution or storage.

Wicks and Wilson Limited
Electronic Imaging and Micrographics

## C-Series Microfilm Aperture Card Scanning Systems
the latest digital imaging technology in a compact desktop design

C-Drive

C-Drive X

C-250

Designed to fit inside your PC

Compact unit for desktop operation

Automatically feed and scan

The C-Series includes three models; the C-Drive that fits inside a PC, the desktop C-Drive X for on-demand scanning and the C-250 with Hollerith read and auto-feed hopper, capable of unattended batch scanning.

## Key Features

- Archive accessibility – scanning enables digital print, email and distribution of a microfilm aperture card archive from the desktop; giving more output options than traditional solutions

- Automation – the C-250 is capable of unattended batch scanning; automatically sizing the drawing and naming the file from the Hollerith code

- Digital Microfilm Printing (DMP) – featuring digital zoom and review before printing; interfaces with any printer or plotter featuring a Windows-certified driver

- Latest digital imaging technology – create high quality images; go straight from film to digital

- Designed for microfilm – optics, scan engine and Smartcode image processing algorithms all developed by Wicks and Wilson specifically for microfilm scanning; getting the most from your microfilm archive

- Compact design – the C-Drive is the world's first zero foot-print microfilm scanning system; fits inside your PC, so no additional space required

- Imaging tools – digital image enhancement filters, rotate, deskew and crop tools give the best possible results

- Reliability – Wicks and Wilson's many years of experience in building production scanners now available in a compact design

- Ease of use – fully integrated scan procedure and DMP interface provides simple operation and increased productivity; scan-to-file, scan-to-print or scan-to-view

- Flexibility – all models capable of scanning any ISO aperture card, with no extras or modifications to purchase

- Effortless – a straightforward walk-up solution that is a true replacement for your reader-printer

## Technical Essentials

- CCFL light source – reliability and consistency for a high quality image

- Display whilst scan – transfers image data to the screen as soon as the scan starts; near-instant image view

- Dual-save – simultaneously saves greyscale and bitonal files from the same aperture card image for improved productivity

- Hi-Speed USB – plug and play connectivity; simple and effective, reduces set-up time

- Horizontal card feed – proven system providing simple load procedure and reliable card feed

- Multi-level software – simple DMP interface allows anyone to digitise a card with minimal effort; advanced interface offering more control for the experienced user

- Print collation – automatically collates drawing sets ready for printing

- Smartcode Image Processing – powerful multi-resolution tools for image enhancement

- Virtual rescan – automatically reprocesses the scanned image with alternative imaging parameters; no need to physically rescan the aperture card

# Product Specifications
## C-Series Aperture Card Scanners

| Model | C-Drive | C-Drive X | C-250 |
|---|---|---|---|
| Resolution | 100 - 400dpi | 100 - 400dpi | 100 - 400dpi |
| Speed (A2 / C Size, 200dpi)* | <10s | <10s | 350 cards per hour |
| Speed (A2 / C Size, 400dpi)* | <13s | <13s | 250 cards per hour |
| Hopper-feed | Single card manual | Single card manual | 150 card automated batch feed |
| Reduction ratio | 7.5X to 40X (variable) | 7.5X to 40X (variable) | 7.5X to 40X (variable) |
| Image Processing | SMARTCODE | SMARTCODE | SMARTCODE |
| Hollerith entry | Manual | Manual | Automatic (IBM, MIL STD 804B) |
| Greyscale | Yes | | |
| Dual-save (greyscale and bitonal) | Yes | | |
| Printer compatibility | Any printer with Windows-certified driver | | |
| Print collation | Yes | | |
| Film types | Silver and diazo | | |
| Drawing sizes | User defined, within limits of tape window | | |
| Scaling accuracy | ± 0.5% | | |
| File formats (bitonal) | TIFF, CALS, PNG and PDF | | |
| File formats (greyscale) | JPEG, BMP, RAW TIFF, PNG and PDF | | |
| Agency approvals | CE, TUV, UL, cUL | | |
| EMC | CE, FCC | | |
| Size (W x D x H) / mm | 150 x 200 x 90 | 150 x 200 x 90 | 170 x 460 x 210 |
| Weight / kg | 1.9 | 1.9 | 5.8 |
| Power requirement | 12V, 1.5A Integral from PC | 110/240V, 250/170mA External power-pack | 110V/240V, 270/210mA External power-pack |
| Controller PC | See website (www.wwl.co.uk) for current specification | | |
| Operating System | Windows XP Professional, SP2 | | |

* Maximum scanning speed dependent on PC configuration

Wicks and Wilson Limited pursues a policy of continuous product improvement and reserves the right to change these specifications without notice.

All Wicks and Wilson products are distributed worldwide. For a complete list of distributors please visit our website.