# MACH Mini *Fiche*

## PORTABLE MICROFICHE SCANNER

Inspired by the renowned MACH7 scanner, the compact MACH Mini Fiche offers a durable and fast, manual-load solution to digitize all microfiche and aperture card formats in high quality. Built by The Crowley Company and powered by industry-favorite Mekel Technology FastFiche and Quantum Software Suite, it delivers excellent images, robust editing tools, and efficient workflows—perfect for space-limited.

## KEY FEATURES

### Dual-Camera System

The MACH Mini Fiche's unique dual-camera system pre-scans in a single-pass to locate images, before a second camera captures them—lowering scan and labor costs, and quickly frees the scanner for the next batch or job.

### Dual Output Function

Simultaneous grayscale and bitonal output boosts efficiency without impacting speed.

### Small Size and Portable

Compact in size and portable, the MACH Mini Fiche fits easily into crowded or limited workspaces and is perfect for users managing multiple branches or remote projects.

### Adaptability

From jumbo, jackets, step and repeat microfiche and standard aperture cards, the MACH Mini Fiche uses advanced optics and lighting to digitally convert any microfiche or aperture card format with precision.

### Simplified Operation

Job presets and productivity tools speed up operator training and ensure dependable, production results.

### External PC

Designed for maximum uptime and performance, the external Scan-Controller PC workstation includes a high-end processor with multi-core support.

### Superior Image Clarity

The MACH Mini Fiche ensures clear, consistent image quality with adjustments including, but not limited to cropping, rotation, deskew, mirroring and more.

### FastFiche and Quantum Software Suite

Powered by the intuitive FastFiche software, which offers direct on-the-fly output. For advanced workflows, image quality, and frame output verification, its compatible with Mekel Technology's Quantum Software Suite. Use QuantumOCR to deliver optical character recognition capabilities, title bar naming, and full text search output.

> Having used the Mekel scanners for more than a decade, I can say that the quality and capabilities of the scanners keep advancing.
>
> ~ Luc Bodson, Technical Engineer, iGuana

CE  FC  ✓ RoHS Compliant  MADE IN AMERICA

# TECHNICAL SPECIFICATIONS

## Performance

| | |
|---|---|
| Scan Speeds | Up to 130 ppm (24x, 200 dpi) |
| | Up to 75 ppm (42x, 200 dpi) |
| | Up to 65 ppm (48x, 200 dpi) |
| Resolution | 100-600 true optical dpi |
| Reduction Ratio | 4x-96x |
| Scan Modes | Microfiche: Row-by-row, serpentine, single microfiche |
| | Aperture card: Film image |

## Image Quality

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|---|---|
| Camera | Two-camera system |
| | Main Camera: High-resolution scan sensor, Full 8,192 pixels |
| | PreScan Camera: Frame mapping sensor, 2,000 pixels |
| Bit Depth | Up to 12-bit |
| Lighting | Fiber optic LED lighting system |
| Image Enhancement | Real-time image sharpening and enhancement, Automatic Gain Control |

## Microfiche Handling

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|---|---|
| Microfiche Compatibility | Step and Repeat, Long Jackets, Combination (16 mm/35 mm combo), COM, AB Dick, Jumbo, Ultra microfiche and Microx |
| Microfiche Formats | Simplex/Duplex, Positive/Negative, Silver/Diazo/Vesicular formats, Duplicates, Cine/Comic mode |
| Microfiche Handling | Manual |

## Power and Safety

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|---|---|
| Voltage | 100-240 V |
| Frequency | 50/60 Hz |
| Max. Consumption | 800 W |
| Agency Approvals | FCC, UKCA, CE and RoHs certification |

## Software

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|---|---|
| Operating System | Non-integrated scan controller PC - Windows 11 Pro |
| Compatible Software | FastFiche (multi-language UI), QuantumProcess (multi-language), QuantumOCR, and IMAGEhost |

## Dimensions and Weight

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|---|---|
| Dimensions (LxWxH) | 23.75 x 12.25 x 13 in (603.25 x 311.15 x 330.2 mm) |
| Weight | 38 lbs/17 kg |

## CROWLEY
### DIGITAL PRESERVATION SOLUTIONS