



CONVERSION PRODUCTS



For over two decades, **Mekel Technology** has been the definition of premium conversion products. Introducing the first microfilm scanner to the world in 1989, followed closely by its first microfiche scanner, Mekel has understood and met client needs since its inception. A part of The Crowley Company family since 2003, Mekel continues to engineer cutting-edge products for the future of data preservation.



The **Crowley Company** is the world leader in commercial imaging solutions. Since 1978, the company has provided a complete range of quality solutions for archival preservation, digitization and film processing, including hardware, systems consulting, supplies and support.

For a full list of equipment and services, please visit www.thecrowleycompany.com or contact us at 240.215.0224.

For over two decades, Mekel has offered the most advanced roll film, microfiche and card scanner systems on the market. Service providers, institutions, government agencies and corporations with the need to accurately digitize large volumes of in-house archive material have made Mekel products the premium choice.



MICROFICHE SCANNERS

The **MACH VI** and **MACH VII** represent the latest evolution of fiche scanners in a long line of Mekel conversion products. Designed to accommodate various microfiche and jacket formats, both scanners create superior image quality at high speeds from even the most difficult film. Designed for service bureaus and other large volume end-users, the MACH series scanners set the industry standard.

FEATURES

- Fully automated microfiche load/unload. Eliminates operator intervention
- Intelligent single-pass prescan locates all images of various sizes in seconds without the need for presets/wizards
- Unmatched throughput speeds of up to 200 images per minute whether scanning grayscale, bi-tonal or dual grayscale/bi-tonal
- Full fiche or title bar scan (opaque and transparent) with no loss in overall throughput
- Real-time image sharpening and enhancement done in hardware



APERTURE CARD SCANNERS

Especially designed for large scan volume, the **M800** aperture card scanner features high productivity due to the advanced CCD camera and results in much higher quality than its competitors. Careful engineering guarantees that even sensitive and thermal cards receive optimal processing.

FEATURES

- Up to 600 cards/hour
- Sophisticated image enhancement tools ensure better first-scan results
- Database storage of all Hollerith files for further processing
- LED light source prevents overheating and enables consistent and optimal processing
- Grayscale or bi-tonal capture via TIFF G3/G4/Packbits, Raw TIFF, JPEG, CALS Type1 and EDMICS C4

MICROFILM SCANNERS

In 1989, Mekel produced the world's first-ever microfilm scanner and has stayed at the industry forefront ever since. The recent introduction of the **MACH V strip scanner**, which guarantees no reloading, re-scanning or image skipping, further displays the manufacturing detail and attention to consumer need that drives the creators of Mekel technology. Along with the **MACH III** and **MACH IV**, our more traditional microfilm scanners, Mekel products provide a full line of microfilm scanners for service bureaus and other large-volume clients.



FEATURES

- Lead/trail edge scanning (up to tri-level blip) or **Quantum Scan** full-roll strip scanning technology
- Speeds of up to 350 images/700 files per minute whether scanning grayscale, bi-tonal or dual grayscale/bi-tonal
- Direct path imaging: camera, film and light source are engineered in-line to enable up to 600 true optical dpi resolution
- Standard features: 1,000' adapter, high-speed rewind and film cleaning rollers
- Real-time image sharpening and enhancement done in hardware

MEKEL SOFTWARE

Mekel **FastFiji** and **Quantum** software continues to be the easiest to use in the market. With simple to use sliders, preview screens and the flexibility often reserved for more sophisticated applications, operators will be running full-speed from the very first day. Automatic image enhancement features will allow for nearly unattended scanning with no sacrifice to image quality.

FEATURES

- Automatic Gain Control (AGC) to optimize image quality while scanning
- Advanced menus for detailed image enhancement features
- Dual-view capability to view bi-tonal and grayscale images simultaneously without impacting speed
- Image quality control and rescan window that allows for real-time image enhancement
- Flexible and simple to use file naming capability

