4DigitalBooks™

Digitizing Line

DL-mini i 600

Automatic and Manual Book Scanner in ONE

Designed and manufactured by 4DigitalBooks, the **DL-mini i 600** integrates **one CopiBook 600** digital camera,
Provides very reliable productivity and exceptional image quality.
DL-mini is the ultimate tool for mass digitization of books.

AUTOMATIC

Dl-mini is an automatic book scanner with highest level of automation, respecting safety of bindings and pages.
Turns and scans pages of all types of books, magazines and bound newspapers with a very reliable production process.
Handles challenging smaller books that close spontaneously.

MANUAL

Dl-mini is a manual book scanner for any kind of documents.
Accepts unusual documents such as photo albums, stamp albums, spiral, bound notebooks, postcards, photos, manuscripts …
Allows scanning exceptions found in bound documents such as : lose sheets, inserts, fold-outs, bent pages, torn pages, covers …

TECHNOLOGY

Dl-mini detects double pages and automatically retries page pickup, insuring one page turn at a time and less operator interventions.
Reaches consistent productivity of **1000 pages per hour** and max speed of **1500 pages per hour** for quick scanning of easy books.
Saves important labor costs, because it does not require operator presence.
Has an auto-centered book cradle that insures relaxed placing of the book.
Presents pages for optimal image exposure for visible text close to the binding.
Has an automatic detection of book size, to reduce human errors.
Allows optimal scanning of largest variety of materials.

FEATURES

- lifetime reliability suitable for 24 hours - 7 days operation
- automatic detection and adapting to parameters of the book
- flexible algorithm finds the best way to separate pages
- ensured one page turn at a time, no missing of pages
- handles softly the pages and the binding
- suitable for recent and old books
- storage of book parameters as presets for faster operation
- higher quality images as pages are presented under a glass
- accepts books with any paper thickness, texture and porosity

Dimensions LxWxH :	1.8 x 1.2 x 2.0 m - standing on a table
Height of Book Holder :	1 m
Power :	120-240 V, 2.2 kVA, 50-60 Hz

www.4digitalbooks.com

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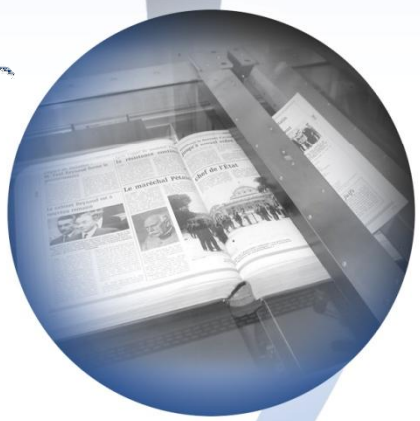
Technical Specifications

DOCUMENTS ACCEPTED

document types :	books, magazines and bound newspapers
book weight :	max. 10 kg
book thickness :	max. 100 mm
book covers :	soft and rigid
page size :	min A6 (105 x 148 mm), **max A3 (297 x 420 mm)**
scanning surface :	max. 600 x 420 mm
paper weight :	min. 20 g/m2, max. 200 g/m2
wavy pages or covers :	max. amplitude 10 mm
opening angle of pages :	180°, allows full visibility of text close to the binding
behavior of books :	books that remain open or close spontaneously

PROCESS



book centering :	automatic by book cradle
book holding :	by distributed vacuum plates
page pickup :	by distributed vacuum arm
page flattening :	none, contact, pressed under a glass
automatic detection :	page width, multi-feed
safety measures :	checking page pickup & release, page bending
automatic retry :	in case of multi-feed or missed page pick up

SCANNER FEATURES

Camera Technology	Image Matrix Size	Image Colors	Bits / Pixel	Resolution (dpi) min	max	opt
CopiBook 600	142 Mega Pixels per camera	16 Million colors	24	200	600	

MAXIMUM PRODUCTIVITY

3 speed settings are available to allow proper manipulation of the document depending on its fragility.
Maximum productivity is reached for books that are in good condition.

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