



4DigitalBooks™

# Digitizing Line

DL 3003



## Automatic Page Turning and Scanning of Books

The Digitizing Line is a unique automated solution for fast turning pages and digitizing of all types of books, magazines and newspapers, featuring unattended operation up to 3000 pages per hour.

Designed by 4DigitalBooks, The Digitizing Line integrates i2S scanner technology allying breath taking productivity and exceptional image quality.

Optical resolutions at 200, 300 and 400, 600 dpi are available for page formats ranging from DIN A5 (148x210 mm) to DIN A2 (420x594 mm).



### TECHNOLOGY

The Digitizing Line is a scanning solution, that integrates innovative and reliable technologies for page turning and image capture, that respect safety of documents, operator's ergonomics and labor safety.

The Digitizing Line has an automatic book cradle that ensures optimal book placement to present pages for repeatable image positioning. Associated with automatic detection of book parameters it contributes to optimum digitizing of the largest variety of materials.



### FEATURES

- lifetime and 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
- one operator may drive 4 units at the same time
- handles softly the pages and the binding
- suitable for recent and ancient books
- no human error or fluctuations in productivity
- incomparable performance versus manual operator
- 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

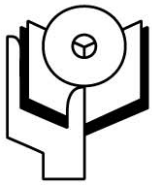


**Dimensions LxWxH :** 3.1 x 1.5 x 2.2 m  
**Height of Book Holder :** 1 m

**Weight :** 1000 kg  
**Power :** 400 V - 3 phase - 10 kVA

[www.4digitalbooks.com](http://www.4digitalbooks.com)

[www.i2s-bookscanner.com](http://www.i2s-bookscanner.com)



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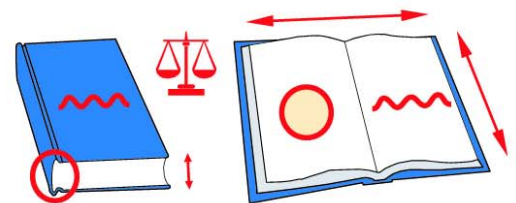
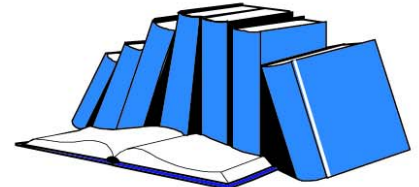
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## Technical Specifications

### DOCUMENTS ACCEPTED

document types : books, magazines and bound newspapers  
 book weight : max. 20 kg  
 book thickness : max. 150 mm  
 book covers : soft and rigid  
 page size : min. A5 (148 x 210 mm), max. A2 (420 x 594 mm)  
 scanning surface : max. 860 x 600 mm  
 paper weight : min. 20 g/m<sup>2</sup>, max. 200 g/m<sup>2</sup>  
 wavy pages or covers : max. amplitude 25 mm  
 opening angle of pages : 180°  
 behaviour when opened : book remains open or closes spontaneously



### PROCESS

book centering : automatic by book cradle  
 book holding : by distributed vacuum platines  
 page pickup : by distributed vacuum arm  
 page turn : pushed by air cushion  
 page flatening : none, partial, pressed  
 automatic detection : book weight & thickness, page width, multifeed  
 safety measures : checking page pickup & release, no page bending  
 automatic retry : in case of multiple pages or no page pick up  
 lose pages detection : prevents lose pages to drop off the book  
 page turn cycle time : 2.2 sec to 5 sec depends on page fragility and size



### SCANNER FEATURES

Technology SnapShot	Equivalent Matrix	Image Colors	Bits / Pixel
CopiBook RGB	70 Mega Pixels	16M colors	24
CopiBook BW	70 Mega Pixels	256 gray	8

Page Formats	Resolutions (dpi)
A2 (420 x 594)	200, 300
A3 (297 x 420)	200, 300, 400
A4 (210 x 297)	200, 300, 400, 600
A5 (148 x210)	200, 300, 400, 600
A6 (105 x148)	200, 300, 400, 600



### MAXIMUM PRODUCTIVITY

10 speed settings are available from 1 slowest to 10 fastest, to allow proper manipulation of document depending on its fragility. Maximum productivity is reached for books that are in good condition.

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