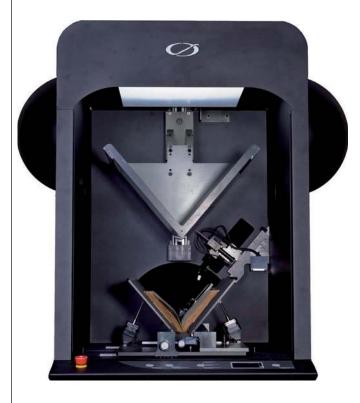


Qidenus' further development of it's full automated system:

ROBOTIC Book Scan 3.0



ROBOTIC book scan

market leading device max. cycle speed: 2,500 pages/hour

[def.: robotic book scanner]

This robotic book scanner is a high-speed scanning machine digitising any bound material automated, fast and in result economically. The machine is based on a worldwide patented turning technique [bionic finger system], a unique single page control [light transmittance instrument] and a V-Shape book cradle, capturing the pages with full format digital cameras. The 3in1 machine with its integrated manual modes allows to process any document in matching dimension.



KEY FEATURES

- Patented turning mechanism → Bionic Finger
- Efficient single page control instrument
- Industrial SPS electronic control system
- Gentle & automated 80° book cradle
- Curvature free scanning due to glassplate
- Dual DSLR Camera System [36MPIX 72MPIX]
- Intelligent SW Suite for capturing, post-production & workflow-control
- Table Top Machine: compact, portable, easy set-up, intuitive operation
- 2 models: A3+ // A2



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| Max. Cycle Speed | Operating Modes |
|--|---|
| 2,500 pages/hour | automatic / semi automatic* / manual |
| Electronic Control System | Lighting System |
| Beckhoff SPS electronics & security system | high-end LED cold light |
| A3+ Model | A2 Model |
| max. book size: 56cm x 37cm (per page 28cm x 37cm) | max. book size: 60cm x 44cm (per page 30cm x 44cm) |
| max. book thickness: 12 cm | max. book thickness: 15cm |
| image resolution: 300ppi // 400ppi ** | image resolution: 300ppi // 400ppi ** |
| dimensions / weight: 67cm x 72cm x 95cm / 72 kg | dimensions / weight: 81cm x 78cm x 95cm / 78 kg |
| Page Turning Security | Complete Digitisation Process |
| the patented Bionic Finger system in correspondence | the machine provides several functions to process |
| with its unique single page control guarantees | the complete book in a single workflow, including |
| automated page separation & turning | digitisation of book covers, loose sheets & foldouts |
| Book Cradle | Paper Weight & Quality |
| book cradle system in gentle 80° | 30 - 350 g/m² in all textures & qualities |
| Image Formats | Color Tone |
| ao.: JPEG, TIFF, GIF, RAW, PDF, PDF OCR, XML; | 24 bit color, 8 bit greyscale, 1 bit b/w |
| Qidenus Software | IT |
| comprehensive SW Suite for image processing, quality | integrated quadcore processing system for image capturing |
| control, data conversion, workflow management & OCR*** | & batch processing, 4 TB internal storage system included |
| Digital SLR Camera Systems | Optical Lens Systems |
| Canon DSLR 600D | Sigma 28mm DG Makro |
| Canon DSLR 5D Mark II | Carl Zeiss 35mm Distagon T |
| Nikon DSLR D800 | Carl Zeiss 50mm Makro Planar T |

- unique semi-automatic mode, "no touch technology", controlled per light grid
- dependent on applied camera system

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Since 2010 Qidenus Technologies is clear world market leader in V-shape Book Scanning for further infos: digitise@qidenus.com