Falcon [A2+]
HIGH-PERFORMANCE V-SCANNER

Falcon [A2+]
Faster?
Impossible.

The **book2net** **Falcon** fulfills the demands for highest possible flexibility and indi-vidualized design for the conservation al scanning of special holdings in A6- to A2+ format with a small opening angle.

Selectable setting parameters allow in-dividual scanning positions as well as standardized, productive work processes.

The **book2net** **Falcon** is designed for mobile use and therefore offers a high degree of flexibility, especially for decentralized digitization projects.

High-Performance Sensor

Sensor options:
Line sensor
Area sensor

- True color display
- Distortion free
- Perfect linearity
- 0.3 sec. scanning time
- 2.2 processing time
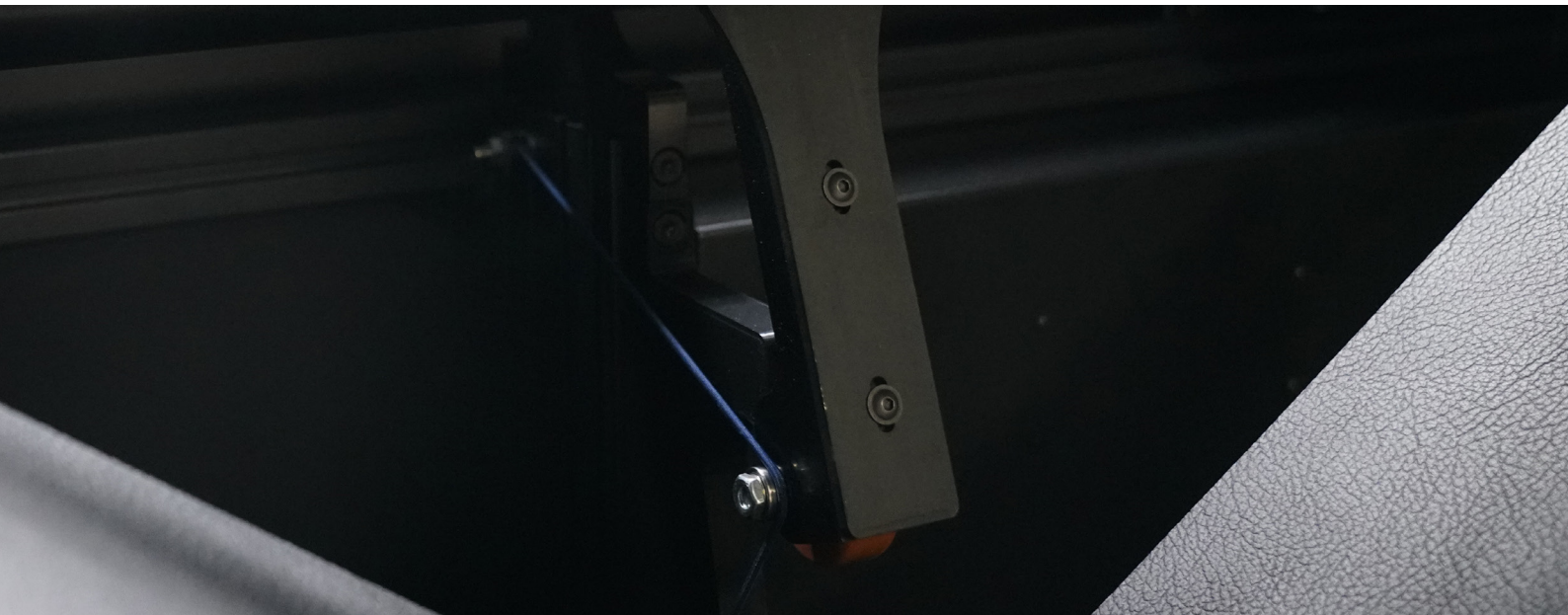 (scanning + imaging + storaging)

V-Shape Glass Pressure Plate

The v-shaped glass pressure plate adapts gently to bound templates with a wavy surface or uneven binding.

The high-quality, reflection-free and mitered museum glass guarantees precise, shadow-free images even in the critical book fold area.

The lifting and pressing power can be speci-fically adapted to the template requirements.

This sensitive control guarantees both optimal protection of the originals and the greatest possible productivity.

Conservational Book Cradle

The book cradle is specially designed to support the book spine and well adapted for books with different bookfolds and bindings that cannot be opened at a 180 ° angle. The pads can be moved and fixed individually in order to position the template centered and stable.

Easily adjusted and fixed up to a maximum spine size of 150 mm. The 2 x 420 mm x 300 mm sliding pads offer a high degree of flexibility for digitizing bound documents in the A6- to A2+ range.

LED-Illumination

The **book2net Falcon** is equipped with an LED lighting system, providing a stable color temperature during the scanning process and thus guaranteeing true color reproduction. Thanks to the Fresnel lenses, evenly illuminated scanning area ensured. The LED light sources are glare-free and UV / IR-free, so that there is no radiation exposure for the user in accordance with EN60825-1.

Color Management

Embeded true-color management for true color digital output: METAMORFOZE, FADGI, ISO/TS 19264:1 2017 standard in color quality, resolution, noise, and linearity

TECHNICAL DATA

✕ Matrix Sensor Technology

Sensor:	High-performance area sensors / Line sensors
Optics:	High grade special Schneider lenses
Shutter:	No shutter mechanics
Illumination:	Cold light LED-technology with integrated Light-Control-System (LCS)
Resolution:	300 / 400 dpi (archival standard)
Depth of field:	12 cm
Scanning time:	0.3 seconds
Processing time:	2.2 sec. (scanning + imaging + storaging!)
Layout section:	2 x 420 mm x 300 mm
Book opening angle:	110°
Spine exemption:	15 cm
PC interface:	USB 3.0
Software:	Easy Scan Professional Intuitive Professional Software with extended functions for job management, image editing and further processing
Color depth:	48 Bit color, 24 Bit color, 16 Bit grey, 8 Bit grey, 1 Bit B/W
File formats:	TIFF, JPEG, JPEG 2000, PDF, PDF-A, Multipage PDF and Multipage TIFF
Output:	sRGB, Adobe 1998 RGB, eciRGB V1/V2, Wide Gammut, Pro-Photo according to ICC standard
Dimensions:	100 x 76 x 90 cm (w x d x h)
Weight:	ca. 42 kg
Connection values:	100 V - 240 V, 47 Hz - 63 Hz
Noise emission:	Standby 34 dB(A) / in operation 39 dB(A)
Energy consumption:	Standby 50 VA, in operation 100 VA
Safety standard:	CE EMV

Remote maintenance possible.
Technical changes reserved.