

Easy Scan Professional



The intuitive graphical user-interface ... individually adaptable to your requirements!

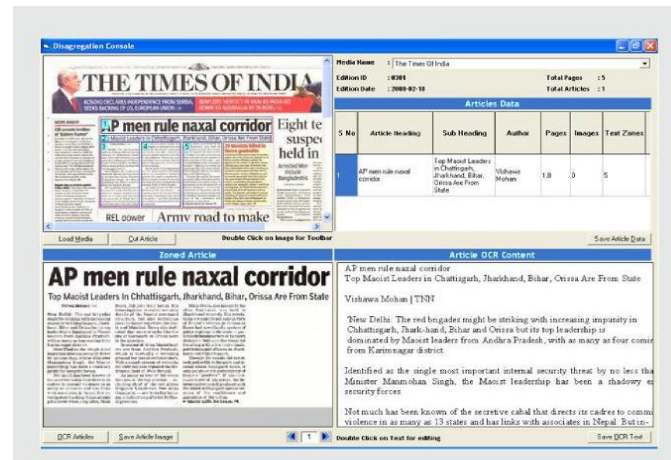
Easy Scan is exceptionally intuitive and easy to use. The user interface can be customized according to your specific requirements just by enabling or disabling features. All configuration parameters are visible at a glance, without unnecessary branching into endless sub-menus. Finger removal, type-area and page recognition, automatic cutting and straightening and book-fold optimization are performed by *Easy Scan* in the range of milliseconds. *Easy Scan OCR* is accessible for more than 120 languages and allows the fast and easy generation of searchable or editable documents by pressing either in single-page mode or in job mode.

Technical Data

X Matrix Sensor Technology

Sensor:	2 High-performance area sensors (Dual Technology)
Optics:	Schneider precision lens
Shutter:	Durable electronic shutter
Lighting source:	Cold light LED-technology with integrated Light-Control-System (LCS)
Resolution:	300 / 400 / 600 dpi
Depth of field:	12 cm
Layout section:	858 mm x 1264 mm
Scanning time:	0.3 sec. for A0 Color @ 300 dpi
Processing time:	3.5 sec. (scanning – imaging – storage)
PC-Interface:	USB 3.0

User software: *Easy Scan Professional*
Intuitive professional software with advanced functionalities for job management, imaging- and post processing



The powerful software solution Streamline your digitization project!

With **DIGIFLO** you will receive a multilingual software package for modeling, controlling and monitoring of complex production processes in the field of mass digitization. Furthermore DIGIFLO offers specially tailored solutions for the specific needs of the newspaper digitization in terms of workflow management, monitoring, image processing, metadata generation, indexing, clipping and OCR recognition. In compliance with industrial standards DIGIFLO is following a strict design- and process modeling to ensure maximum safety and error prevention.

Image Formats:	Color, grayscale, b/w
Output formats:	TIFF, PDF, JPEG, JPEG 2000
Copyright:	Copyright waiver
Dimensions:	140 x 150/185 x 240 cm (W x D x H)
Weight:	ca. 250 kg
Power supply:	100 V - 240 V, 47 Hz - 63 Hz
Power consumption:	ca. 290 VA
Noise emission:	ca. 44 dB(A)
Safety standard:	CE EMV
Maintenance:	remote service available

Subject to change without notice



www.book2net.net

Hornet [A0+] X

semi-robotic



X- PLORE YOUR VISION

Hornet [A0⁺] X semi-robotic High-End large-format scanner



... designed for highest requirements

The art of scanning: **conservational, productive, and ergonomic**

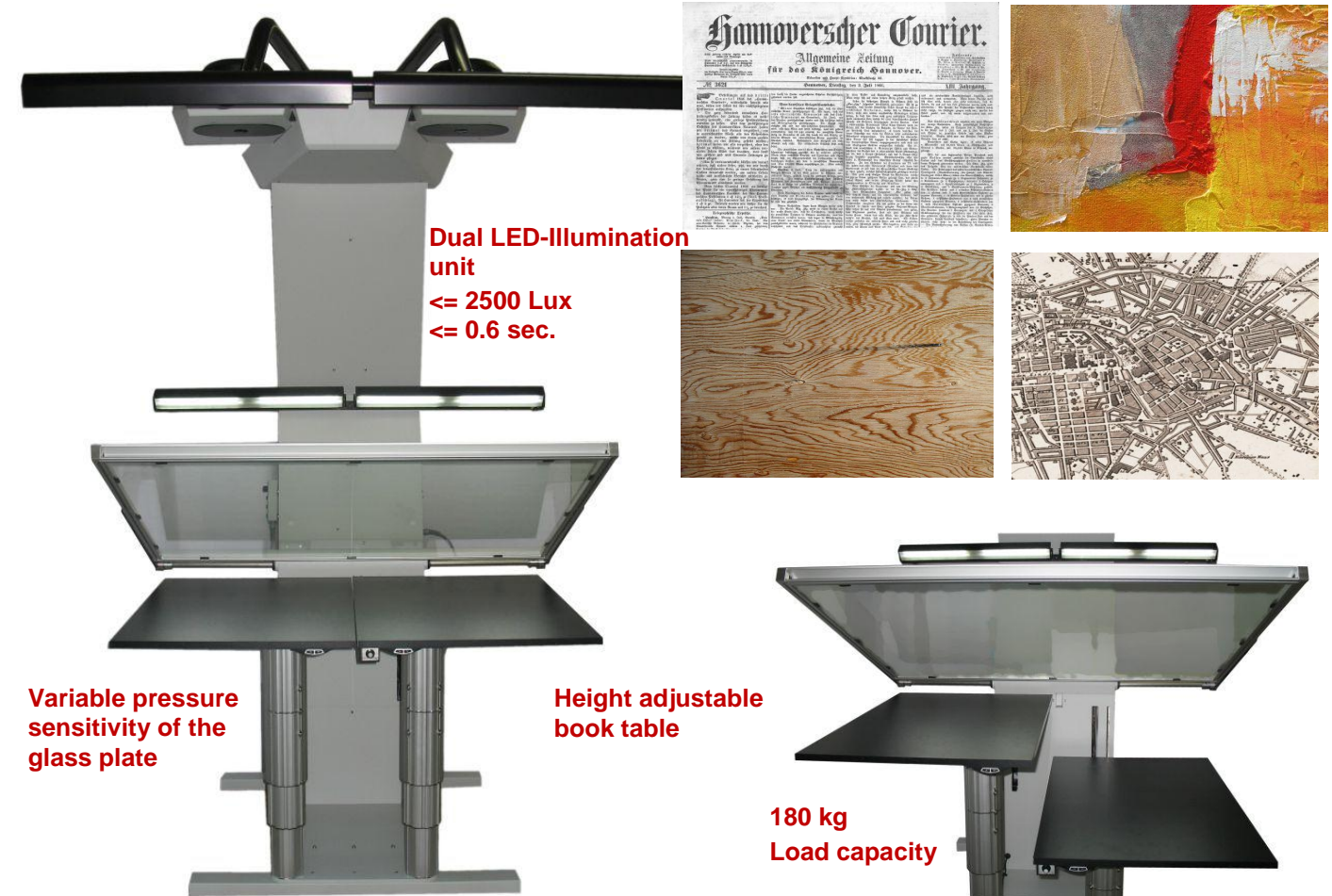
Scanning large-format cultural assets such as newspaper volumes, tables, prints and paintings poses particular demands on the equipment and the operators with regard to care, quality and ergonomics. At the same time, the productivity is becoming increasingly important for the implementation of digitization projects with sensitive and vulnerable originals.

With the **book2net Hornet** we have developed a high-performance machine with PLC-controlled precision drive that ensures an extremely gentle digitization and meets the ergonomic requirements in combination with a high productivity. Modular lighting units, variable book cradles and programmable control modules make the **book2net Hornet** a uniquely flexible scanning system that can be precisely adjusted to the specific requirements of your digitization project!

Industrial precision components and standards are ensuring **longevity** as well as **sustainability**. The semi-robotic technology with **PLC control** enables a smooth and uniform guidance and adjustment of all movable elements. Thus, the book cradle, the pressure sensitivity of the glass plate and the conservational LED lighting system can be precisely adjusted to different formats and structures of the originals within seconds. Individually programmable scanning processes are supporting a smooth workflow and ensure high user-friendliness. With a scanning speed of 0.3 seconds and a processing time of 3.5 seconds (scanning - imaging - storage) the **book2net Hornet** achieves unrivaled productivity. The pioneering **X Matrix Sensor Technology** providing a **depth of field of 12 cm** is a guarantee of a **consistently high quality of the scanning results**.

Customized solutions for demanding formats & surface structures

Paintings, books, magazines, prints, plans, maps, dimension sheets ...
Paper, canvas, leather, textile, wood, ceramics ...



Optics

- Schneider precision lens
- Long-term durability
- Depth of field 12 cm
- Optical book-fold optimization
- Brilliant color reproduction
- Perfect linearity
- Distortion-free

LED-Illumination

- Dual illumination unit
 - individually or synchronously controlled
- Cold-light LEDs
- Fresnel lenses
- Uniform illumination
- Stable wave length
- Light intensity <= 2.500 Lux
- Lighting time <= 0.6 sec.
- > 3 years lifespan

Book cradle / Book table

Book cradle

- Motorized book cradle with balancing technology
- Height adjustment up to 25 cm (optional up to 40 cm)
- Spine exemption up to 25 cm
- Double Profile lifting column for precise height adjustment
- Load capacity up to 180 kg per column
- Preservation approved

Fixed book table

- Continuous supporting surface
- Special coating on requirement

Environment-friendly

- No UV / IR radiation
- No heat load
- Low noise emission
- Low-Energy-Control (LEC)
- Power consumption approx. 290 VA



X High-performance sensors

- Dual sensor technology
- Selectable options:
 - X 300 dpi
 - X 400 dpi
 - X 600 dpi
- 0.3 sec. Scanning time (A0 Color @ 300 dpi)
- 3.5 sec. Processing time (scanning – imaging – storage)
- USB 3.0 Interface
- Optimized for OCR applications due to reduced noise

Motorized glass plate

- Preserves originals
- Self-opening & self-closing
- Size-dependent opening angle
- Process-controlled glass plate
 - Adjustable pressure sensitivity
- Sensitive, fully electronic pressure control
- Non-reflecting glass (museum glass optional)

Semi-robotic

- PLC control
- Variable control
 - fully automatic
 - semi-automatic
 - manual
 - time controlled
 - action-controlled
 - user-controlled
- Programmable scanning processes
- Book size-dependent traverse paths
- Process-controlled pressure
- Sensitive, fully electronic pressure control



Color Management

Integrated **True Color Management** according to Metamorfoze, DFG, FADGI standards regarding color quality, resolution, noise, and linearity

