The new **ROWE** Scan850i
Quantum jump in wide format scanning.

WIDE FORMAT: ROWE.

6 Models: 44´´/HA 55´´/HA 60´´/HA
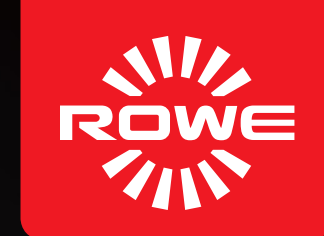
Media thickness max. 30 mm

ROWE Safe Guard

ROWE Document Improvement System

SuperSpeed USB 3

ROWE Scan Matrix⁺

Scanning and multifunctional solutions. Made in Germany.

ACCESSORIES. ROWE SCAN 850i.

ARTICLE		DESCRIPTION	AVAILABLE FOR THE FOLLOWING SCANNER TYPES	
ROWE Scan Series Floorstand		Floorstand 44´´: Height of the original feed table: 960 mm (37.8´´)	44´´ HA 44´´	o/+ o/+
		Floorstand 55´´ / 60´´: Height of the original feed table: 960 mm (37.8´´)	55´´ / 60´´ HA 55´´ / 60´´	o/+ o/+
ROWE Scan Series PC-Holder for Floorstand		PC-Holder for floorstand 44´´, 55´´, 60´´ for use with standard commercial PC casing	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series Touchscreen Holder for Floorstand		Support arm for touchscreen and other flatscreens for floorstand 44´´, 55´´, 60´´ with a screen size of 17´´ up to 23´´ (max. 10 kg/22 lbs) with VESA MISD75/ 100 holder.	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series Document Return Guides		2 Return guides for easy document handling. Return guides are detachable.	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series MFP-Stand		For integration of the ROWE Scan 850i with an inkjet printer (current list of printers supported available on request). Height of the original feed table: 1200 mm - 1320 mm (47.2´´ - 52´´). Including support arm for flatscreen 17´´ up to 23´´ (max. 10 kg/22 lbs) with VESA MISD75/ 100 holder.	44´´ HA 44´´	o/+ o/+
ROWE Scan Series PC-Holder for MFP-Stand		PC-Holder for MFP-Stand for use with standard commercial PC casing	44´´ HA 44´´	o/+ o/+
ROWE Scan Series Touchscreen		17´´ - 23´´ touchscreen with a resolution of minimum 1280 x 1024 Pixel	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series Controller PC		Standard PC, minimum configuration on request	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series All-In-One PC		17´´ - 23´´ Standard All-in-One PC and minimum resolution of minimum 1600 x 900 Pixel minimum configuration on request	44´´ / 55´´ / 60´´ HA 44´´ / 55´´ / 60´´	o/+ o/+
ROWE Scan Series Calibration Chart		Calibration chart 44´´	44´´	o/+
		Calibration chart 55´´ / 60´´	55´´ / 60´´	o/+

TECHNICAL DATA. ROWE SCAN 850i.

FEATURES	DESCRIPTION	850i - 40	850i - 60	850i - 80
Scan width / Original thickness / Scan length		o		
Maximum scan width	44´´ (1118 mm) / maximum original width 47,4´´ (1204 mm) 55´´ (1397 mm) / maximum original width 63,2´´ (1606 mm) 60´´ (1524 mm) / maximum original width 63,2´´ (1606 mm)	P o/+	P o o/+	P o o/+
Maximum original thickness	Up to 2mm (0,08´´) with flexible materials	P	P	P
Scan length	Not limited by the scanner	P	P	P
Maximum original thickness HA	Maximum media thickness up to 30 mm (1.18´´). The electrically driven ROWE HEIGHT ADJUSTMENT works fully automatically at the simple push of a key.	o	o	o
Scan quality				
Optical resolution	1200 x 2400 dpi	P	P	P
Maximum resolution	9600 dpi	P	P	P
Scan accuracy	0,1% +/- 1 Pixel	P	P	P
Color depth	48-bit color 16-bit greyscale	PP	PP	PP
Color space	Not only the standard sRGBcolor space but also user defined color spaces like Adobe RGB or Device RGB are supported	P	P	P
ROWE SELECTED TRUE LIGHT	Lighting of originals is exceptionally homogenous. Optimal alignment of the lighting angle to the reading unit.	P	P	P
ROWE DOUBLE ROW LENSE	Significantly higher light throughput	P	P	P
ROWE DYNAMIC STITCHING - RDS (patent)	Controls continuously the scanned document data of each sensor and sets them together in real time. Any deviations that may occur are corrected automatically.	P	P	P
ROWE PRO LOGIC	Scan once for optimal results. Automatic process for the filtering of dirt/background and the highlighting of image information, ideal for originals with poor contrast.	P	P	P
Ergonomics / Safety				
Automatic workflow (6 freely programmable Hot Keys on the control panel of the scanners)	All functions of the ROWE ScanManager can be stored, Retrievable with a click. The number of favourites (personalised settings, e.g. defined scan profiles) is not limited in the ROWE ScanManager. You can also protect the favourites with a password.	P	P	P
Simple replacement of scan glass	Removal of the scan glass is carried out without tools - simply, quickly and absolutely ergonomically!	P	P	P
ROWE SAFE GUARD	Newly developed media transport technology which ensures that even old, torn or extremely wavy originals are transported and protected in the best possible way.	P	P	P
ROWE SAFE DRIVE	- Up to 500% longer life-cycle of the scan glass compared to standard scanners without ROWE SAFE DRIVE - Safe transport of fragile originals - Reduce the scan speed	P	P	P
Scanning face-up	Makes an ergonomic handling of the originals possible - you see what you scan.	P	P	P
Active output	Driven transport rollers at the rear guarantee safe output of the document, no jam in the scanner also during operation without a stand or in connection with a scan table.	P	P	P
Productivity / Interface				
Color (24-bit RGB) and 8-bit indexed Color at 200 dpi (Turbo)*	Meter per minute / Inches per second	12 / 7,87	17 / 11,15	23 / 15,09
Black and white (1-bit) and greyscale (8-bit) at 200 dpi (Turbo)*	Meter per minute / Inches per second	23 / 15,09	23 / 15,09	23 / 15,09
DOCUMENT IMPROVEMENT SYSTEM - DIS	All changes can be done after scanning. No rescanning required. Any changes made will be immediately displayed in the viewer.	P	P	P

14   **The new ROWE Scan 850i**   KEY: P Standard equipment   o Additional equipment   o/+ Additional equipment, on-site upgrade possible   - Not avaible   * The scan speed is dependent on the original width and the PC configuration.

Feature	Description			
Automatic width recognition "On the fly" (patent)	The width of the original is precisely determined during the scanning process. No forward and backward movement for recognition of the document width.	P	P	P
Dynamic width recognition (patent)	Automatic and correct recognition of the document width, also when damaged, e.g. ripped corners	P	P	P
No warm-up time	Immediately operational (also for color)	P	P	P
ROWE EFFICIENT SCANNING - RES (patent)	High performance real time width recognition and data transfer process	P	P	P
SuperSpeed USB 3 + RES	Data throughput up to 1000 % higher compared to HighSpeed USB 2	P	P	P
HightSpeed USB 2 + RES	Data throughput up to 200 % higher compared to HighSpeed USB 2	P	P	P
DIN A0/E-size, color (24-bit RGB), incl. automatic width recognition, SuperSpeed USB 3 with RES-technology	Documents per hour** at 300 x 300 dpi	260	440	520
DIN A0/E-size, black/white (1-bit) and greyscale (8-bit), incl. automatic width recognition, SuperSpeed USB 3 with RES-technology	Documents per hour** at 300 x 300 dpi Documents per hour** at 600 x 600 dpi	680 440	680 440	680 440
Power connection	100 - 240 V 50/60 Hz	P	P	P
Power consumption	Operating/ energy saving mode with programmable timer, exceeds the requirements of the Energy Star	<34W / <0,4 W		
Weight	Weight scan width 44´´ in kg (with ROWE HEIGHT ADJUSTMENT (HA) plus 6 kg) Weight scan width 55´´ / 60´´ in kg (with ROWE HEIGHT ADJUSTMENT (HA) plus 6 kg)	25 kg 31 kg 398 x 1422 x 164 mm 398 x 1824 x 164 mm		HA: 31 kg HA: 37 kg HA: 398 x 1428 x 164 mm HA: 398 x 1830 x 164 mm
Dimension	Scan width 44´´ depth x width x height (with ROWE HEIGHT ADJUSTMENT (HA) width plus 6mm) Scan width 55´´ / 60´´ depth x width x height (with ROWE HEIGHT ADJUSTMENT (HA) width plus 6mm)			
Quality seals / certificates	RoHS, ENERGY STAR, CE, CCC, UL, cUL, CB, FCC Part 15 Class B, EAC, BSMI, BIS	P	P	P

Made in Germany.

ROWE ScanManager ***

With each ROWE Scan 850i, you will receive a free 30-days trial version of the ROWE ScanManagers LT, SE, TOUCH and PRO.

FEATURES	DESCRIPTION	850i - 40	850i - 60	850i - 80
Applications (ROWE ScanManager LT or higher required)	The ROWE ScanManager creates industry standard raster file formats that can be used in any CAD or GIS application, e.g. Adobe Photoshop™, CorelDraw™, AutoCAD™, SolidWorks™, Microstation™, ArcGIS™.	P	P	P
Fileformats (ROWE ScanManager LT or higher required)	TIFF (UNCOMPRESSED, JPEG, G3, G4, PACKBITS, LZW), MULTIPAGE-TIFF, JPEG, PDF, PDF/A, MULTIPAGE-PDF, MULTIPAGE-PDF/A, BMP, JPEG 2000, CALS, PNG, DWF	P	P	P
ROWE ScanManager TWAIN	Twain + Edit (Scope of supply includes scanning in all applications with TWAIN support, basic kit image processing, 2 viewers with overview and main viewer, ICC color management and much more)	P	P	P
ROWE ScanManager LT	Twain + Edit + Scan (Scope of supply includes ROWE ScanManager TWAIN and in addition Scan-to-Net, Scan-to-USB, Scan-to-E-Mail, Scan-to-Cloud and much more)	o / +	o / +	o / +
ROWE ScanManager SE	Twain + Edit + Scan + Copy (Scope of supply includes ROWE ScanManager TWAIN, LT and in addition Scan-to-Copy, Multiprint, Multitasking, Recopy, Closed-Loop color calibration, a printer driver for both inkjet printer and ROWE printer and much more)	o / +	o / +	o / +
ROWE ScanManager TOUCH	Twain + Edit + Scan + Copy (Scope of supply includes ROWE ScanManager TWAIN, LT with main viewer, operator surface optimal for touchscreen-operation and in addition Scan-to-Copy, Multiprint, Multitasking, Recopy, Closed-Loop color calibration, a printer driver for both inkjet printer and ROWE printer and much more)	o / +	o / +	o / +
ROWE ScanManager PRO	Twain + Edit (Extended) + Scan + Copy + CostControl + PrintMaster PRO (Scope of supply includes ROWE ScanManager TWAIN, LT, SE and in addition extended image processing, cost management, PrintMaster PRO and much more)	o / +	o / +	o / +
ROWE CostControl Professional	Extended cost management, ROWE ScanManager PRO required	o / +	o / +	o / +
Operating system supported	Windows 10, Windows 8.1, Windows 8, Windows 7, Windows Vista, Windows XP SP3, 32-bit and 64-bit	P	P	P
Cloud enabled	Compatible with all the standard Cloud providers e.g. OneDrive™, Dropbox™, Apple iCloud™, Amazon Cloud Drive™, Google Drive™ etc.	P	P	P

** The number of scanned documents per hour was achieved with ROWE Scan 850i 44´´ and the following PC configuration: ROWE ScanManager LT, PC with Intel Quad-Core Prozessor, 8 GB RAM, SATA Solid State Disk, SuperSpeed USB 3.0 + RES, Windows 8, 64-bit, in high performance batch scan mode, including document feed-in and output. Only complete scans are counted.
*** The required PC minimum configuration is available on request.