



infinity WF

The widely-capable, detail-oriented, smooth-handling scanner.

Infinity WF: bringing big time scanning capability to wide format. Applying the best-of-breed scanning features and technologies found in our full line of document scanners, BÖWE BELL + HOWELL is proud to present the Infinity WF. Experience best-in-class image quality, scanning speed and productivity — now in wide format. Infinity WF — the possibilities are almost endless.

Widely-capable
36", 42", 48" models
flexible performance

Detail-oriented
superior image quality
up to 1200 dpi

Smooth-handling
easy-to-use
any paper, any time



SharpShooter™ Camera Delivers Resolution Performance of Spectrum XF

The Infinity WF utilizes the same camera technology found in BÖWE BELL + HOWELL's award-winning, high-volume production scanner — the Spectrum XF. By leveraging this proven capability, Infinity WF users are assured of superior image quality.

All-in-One-Box Delivery Affords Immediate "Ready-to-Scan" Capability

Infinity WF comes with everything you need to scan right out of the box, including the scanner stand, paper catch tray, connection cables and onboard Image Enhancement Software. Files can be compressed to familiar and commonly-used JPEG, PDF or TIFF formats, enabling Infinity WF users to scan to print, file, archive or email quickly and easily.

Infinity WF provides industry-leading resolution, speed and productivity, essential for detail-driven and color-rich documents. Whether configured as a stand-alone unit or combined with other peripherals, Infinity WF can improve the quality of your scanned image and reduce your total cost of scanning. Infinity WF and BÖWE BELL + HOWELL. Always adding value.

The Benefits of Experienced Leadership, Now in Wide Format

BÖWE BELL + HOWELL is a recognized leader in the document scanning industry, a distinction the company has held for more than twenty years. During that time, we have pioneered numerous new technologies – bringing our product innovations to market to advance image quality and scanning speed, improve workflows and efficiency, and continually make our scanners easier to use and maintain.

A key advantage of this experience is our ability to leverage successful, best-of-breed technologies and to make them available in new products. Several of these proven capabilities are highlighted features of the Infinity WF.

SharpShooter™ Camera – Capturing State of the Art Image Quality up to 1200 dpi

Infinity WF has the same SharpShooter camera technology found in BÖWE BELL + HOWELL's flagship product, the Spectrum XF. SharpShooter empowers the Infinity WF to have the highest resolution at rated speeds in its class. Images as intricately detailed and diverse as maps, aerial photos and architectural renderings are quickly and thoroughly captured.

A luminous white LED light source and unique illumination technique ensure light is evenly distributed to produce a clean, crisp and consistent images. Users can define the desired resolution and file size – up to 1200 dpi.

The Best Way to Scan Large Documents – Quickly and Quietly

The Infinity WF was designed to address the everyday needs of wide format users. The scanner's functionality and aesthetics, interfaces and maintenance were designed with the goal of improving the end user's experience.

For starters, Infinity WF is one of the fastest wide format scanners on the market. Every image is acquired quickly and easily, without having to modify preferences before scanning. In addition, the Infinity WF runs at a very low noise level, humming along quietly as it handles the workload.

“Next to No Maintenance,” Fewer Consumables

Infinity WF was designed to require next to no maintenance. The SharpShooter cameras are enclosed in a glass-protected case to eliminate dust and reduce the number of required cleanings. The scanner includes automatic camera calibration so that the Infinity WF is ready to scan as soon as it is turned on.

Infinity WF also delivers a lower total cost of scanning by having fewer consumables. The LED lights have extended, long-life illumination that perform exceptionally, even with heavy duty cycle usage.

Touch Screen Interface Brings Complete Control to Your Fingertips

An intuitive touch-screen user interface provides operators control over nearly every function of the scanner – literally at your fingertips. The Infinity WF's “just touch and go” capability further advances BÖWE BELL + HOWELL's reputation of developing easy to use scanners.

Automatic Width Detection Optimizes Scanning Settings, Results

For users who scan a wide range of documents that vary greatly in age, substrate and condition, Infinity WF has the unique ability to automatically detect the width of a document. This functionality allows the user to pass even the most delicate documents through the middle of the scan table, thereby eliminating the danger of torn or ragged edges that can be caused by paper guides. If needed, the user can also adjust the amount of pressure between the document and the glass plate to achieve the desired level of sensitivity.

Image Rotation Capability Enhances Scanner Capacity, User Efficiency

Infinity WF's Image Rotation function allows users with documents that exceed the maximum scanning width to feed the document lengthwise and then rotate the scanned image to the proper orientation. This automated functionality shortens users' “hands-on” and total scanning time.

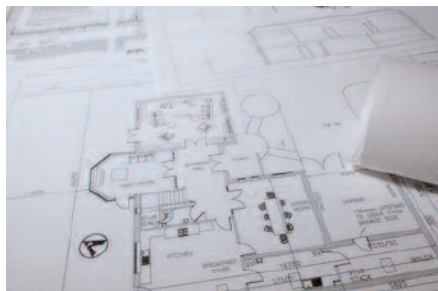
Smooth Transport of Document from Beginning to End

The transport wheels of the Infinity WF are individually mounted with spring-loaded ball bearings to secure placement of the scanned document ensuring smooth and gentle document throughput.

Leading Performance in Wide Format Scanning

Infinity WF is the choice for leading professionals that demand attention to detail in every facet of a wide format scanner. Whether you need to scan CAD drawings, historical artifacts, land surveys or other valuable documents – Infinity WF provides the colorful clarity to capture the most from your image. Documents can be scanned in color or black and white and at a resolution that fits your specific high-performance needs.

Architectural Renderings Handled with speed, clarity and great care




Colorful Maps and Artifacts Capturing every nuance, color and layer of information





infinity^{WF}

Model	WF 36	WF 42	WF 48	
Scan Width	36 in.	42 in.	48 in.	
Document Width	4 x 3 in to 38 in (100 x 75 to 965 mm)	4 x 3 in to 50 in (100 x 75 to 1,270 mm)	4 x 3 in to 50 in (100 x 75 to 1,270 mm)	
Maximum Paper Thickness	0.12 in (3 mm)	0.12 in (3 mm)	0.12 in (3 mm)	
Output Options	Bitonal, Grayscale and Color	Bitonal, Grayscale and Color	Bitonal, Grayscale and Color	
Scanning Speed (inches per second)	Binary at 400 dpi	12.6 ips	9.5 ips	
	Color at 400 dpi	4.2 ips	3.2 ips	
Number of Cameras in Unit (tri-linear color CCDs)	3	4	4	
Number of Pixels	67,500	90,000	90,000	
Resolution	Output: 100-1200 dpi Optical: 600 dpi	Output: 100-1200 dpi Optical: 600 dpi	Output: 100-1200 dpi Optical: 600 dpi	
	Maximum	1200 dpi	1200 dpi	1200 dpi
Image Enhancement	Color correction, gamma correction, black/white point adjustment, margin cropping, mirror capabilities, negative inversion, thresholding, image sharpness, brightness contrast, page splitting			
Bundled Software	Scanning Software (Image rotation, scan to PDF, JPEG, TIFF, scan to network, print, USB, or email)			
Light Source	LED	LED	LED	
Scanner Size (HxWxD)	43 x 21.7 x 9 in. (109 x 55 x 23 cm)	55 x 21.7 x 9 in. (140 x 55 x 23 cm)	55 x 21.7 x 9 in. (140 x 55 x 23 cm)	
Scanner Weight	86lbs (39 kg)	108lbs (49 kg)	108lbs (49 kg)	
Power Consumption	Voltage	110 V / 240 V	110 V / 240 V	110 V / 240 V
	Maximum (Scanning)	190 W	190 W	190 W
	Minimum (Idle)	150 W	150 W	150 W
 Interface	1 GBit Fast Ethernet	1 GBit Fast Ethernet	1 GBit Fast Ethernet	
Environment	Temperature	40°F to 140°F (5°C to 40°C)	40°F to 140°F (5°C to 40°C)	40°F to 140°F (5°C to 40°C)
	Relative Humidity	20% to 80% non-condensing	20% to 80% non-condensing	20% to 80% non-condensing
Sound Output	Operating	35 dBa	35 dBa	35 dBa
	Stand-by	25 dBa	25 dBa	25 dBa
Additional Contents	Network Cable, Cross-Over Cable, Power Cord, Stand (with all assembly tools included), Document Basket, Calibration Kit, Cleaning Cloth, Infinity WF Installation Resource CD with Image Enhancement and Scanning Software, Printed Documents (Operator Manual, Quick Installation Guide and Warranty Card)			

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