

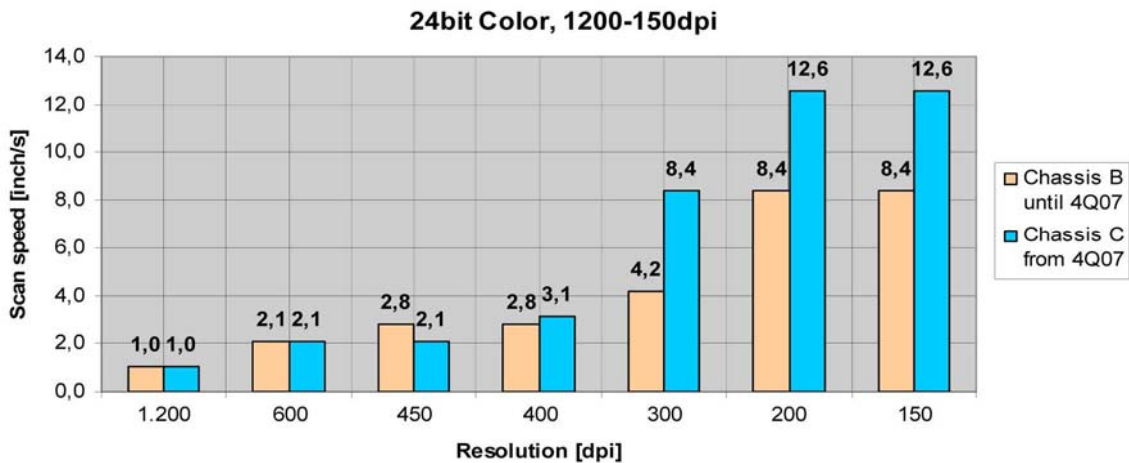
**WideTEK WT42-200 / 48-200**



**Scanning Speed**

The scanning speed depends on the resolution alone. The WideTEK scanners always scan in full color, even if bitonal image output is selected. This produces the best possible images.

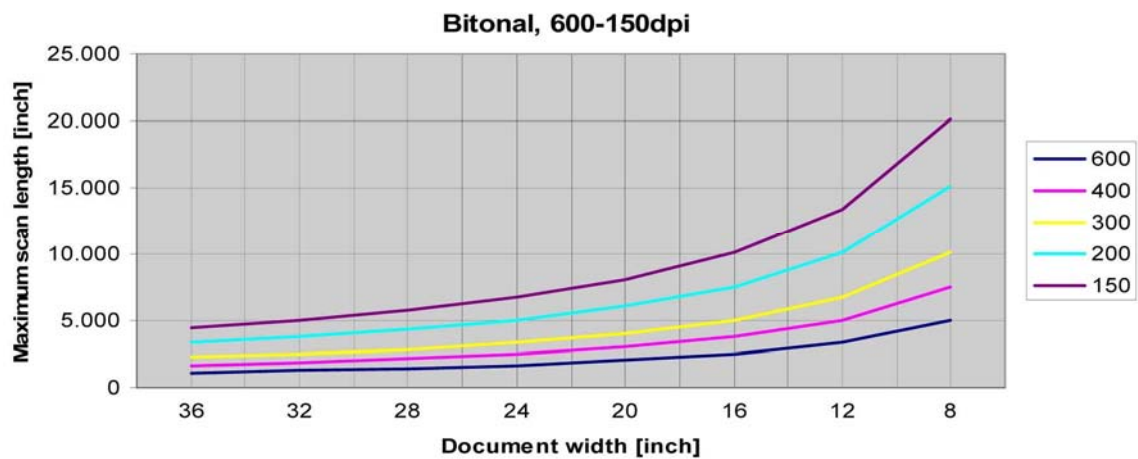
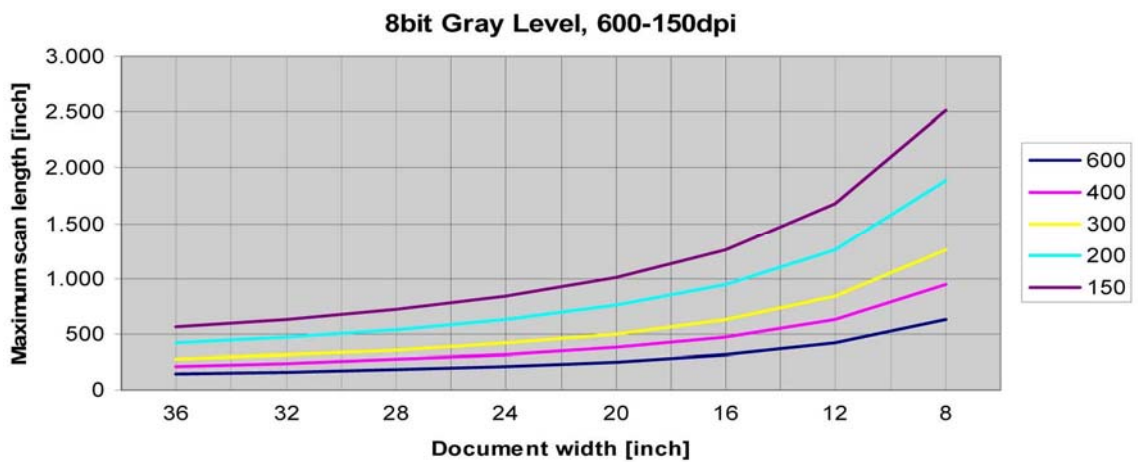
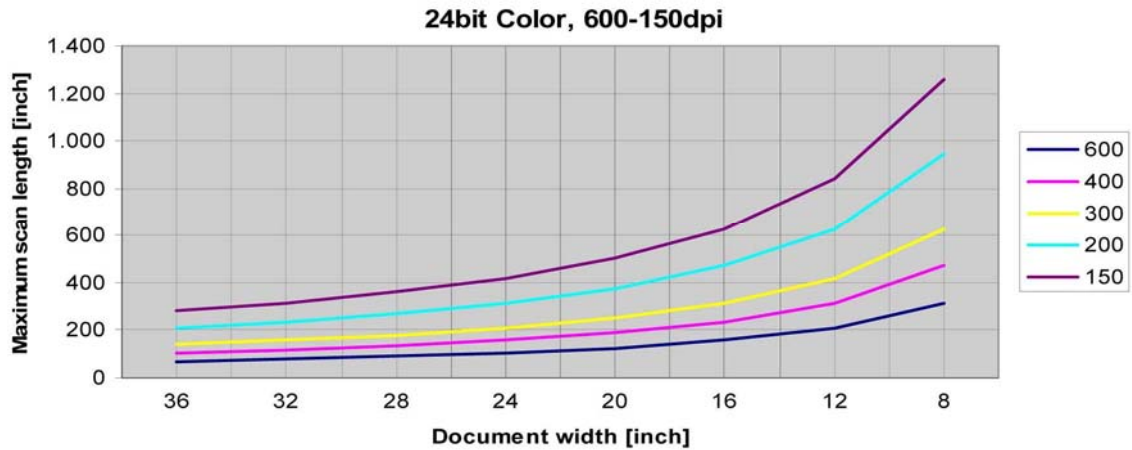
The following table shows the scan speed depending on the resolution for two versions of the scanner. The chassis B is the current production model, the chassis C will have an enhanced camera system as well as a faster processor.



## Relation between Documents Length and Resolution

The maximum document length depends on three factors:

Resolution, color depths and document width. The following tables show their relationship:



## Optical System

Maximum Document Width:	50 inches / 1270 mm
Scan Width:	max. 42 inch / 1067 mm (WideTEK 42) max. 48 inch / 1220 mm (WideTEK 48)
Optical Resolution:	600 dpi camera, 1200 dpi transport
Sensor Type:	4x Tri-Color CCD, encapsulated and dust-proof
	12 bit gray scale (internal resolution)
	36 bit color (internal resolution)
Sensor Resolution:	91,200 pixels (4x 22.800)
Scan Modes:	1bit Black/White
	8bit Gray scale,
	24 bit Color, 8bit indexed

## Accuracy and Stitching

Stitching Target:	Permanently built-in
Stitching Interval:	One measurement per minute minimum
Warm up time:	None. Max. brightness immediately after switch-on.
Accuracy in Scan Direction :	± 0.08% across 36 inch scanning width.
Accuracy in Transport Direction	± 0.08% with new transport rollers

## Illumination System

Light Source:	Two linear lamps with 196 white LEDs each
Warm-up Time:	None. Max. brightness immediately after switch-on.
Temperature Dependency	None
UV / IR Emission:	None
Lamp Life Time:	50,000 hours scanning time

## Electrical Specifications

This device is Energy Star compliant.



Voltage	100–240V AC
Frequency	50/60 Hz

### Power Consumption

Stand-by	0.1 W
Start Procedure	190 W
Ready to scan, lamps off	115 W
Scanning	190 W

## Mechanical Dimensions

Scanner outer dimensions	220 x 1399 x 555 mm (H x W x D) 8.7 x 55 x 21.9 inches
Scanner outer dimensions (incl. floor stand)	1070 x 1399 x 555 mm (H x W x D) 42.2 x 55 x 21.9 inches
Weight of Scanner	55.6 kg
Weight of Floor Stand / incl. Paper Output Tray	19 kg / 21.2 kg

Weight of Transport Box	37 kg
Dimension of Transport Box:	540 x 1600 x 745 mm (H x W x D)
Total shipping weight	118.5 kg

## Documents Specification

Document Size:	Max. 1270 mm, 50 inches wide, up to 500 m, 20.000 inches long
Document Weight:	Any. Straight paper path can handle the stiffest documents
Document Thickness:	2.5mm, 0.1 inch maximum.

## Ambient Conditions

Operating Temperature	+5 to +40 °C
Storage Temperature	0 to +60 °C
Relative Humidity	20 to 80% (non-condensing)
Noise Level	< 35 dB(A) (Operating) < 25 dB(A) (Stand-by)

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