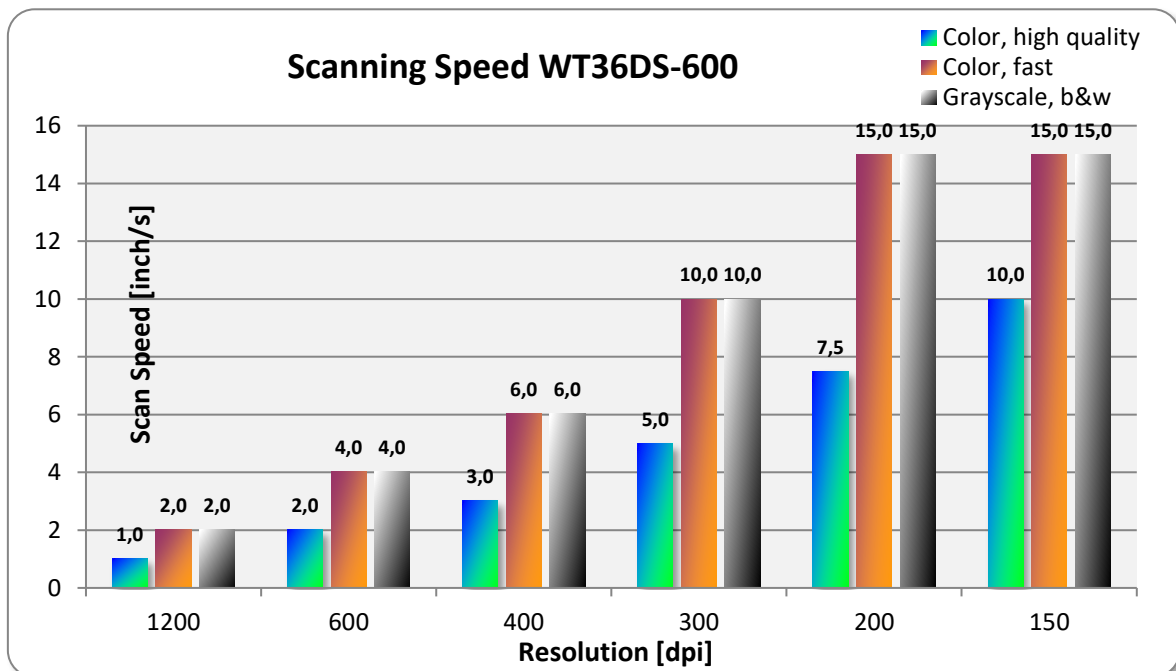# WideTEK WT36DS-600



## 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.
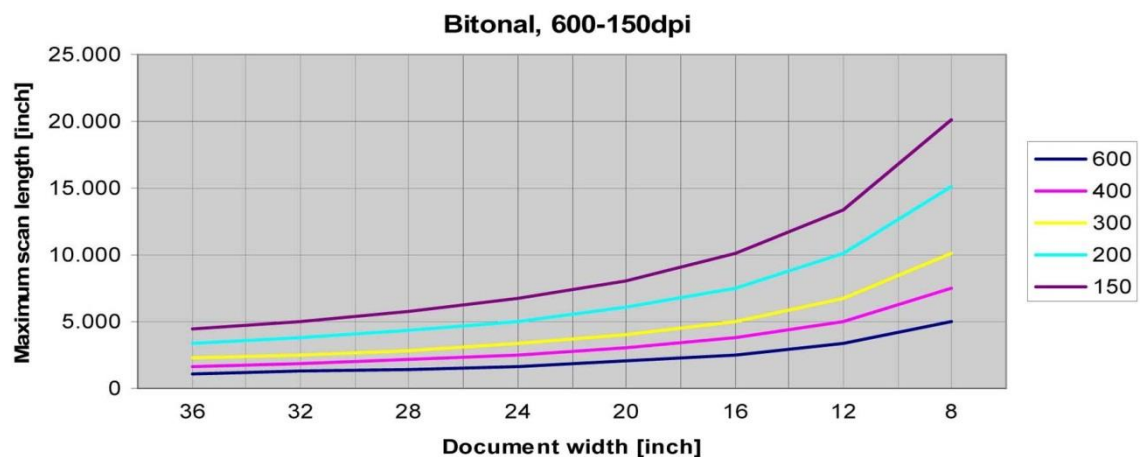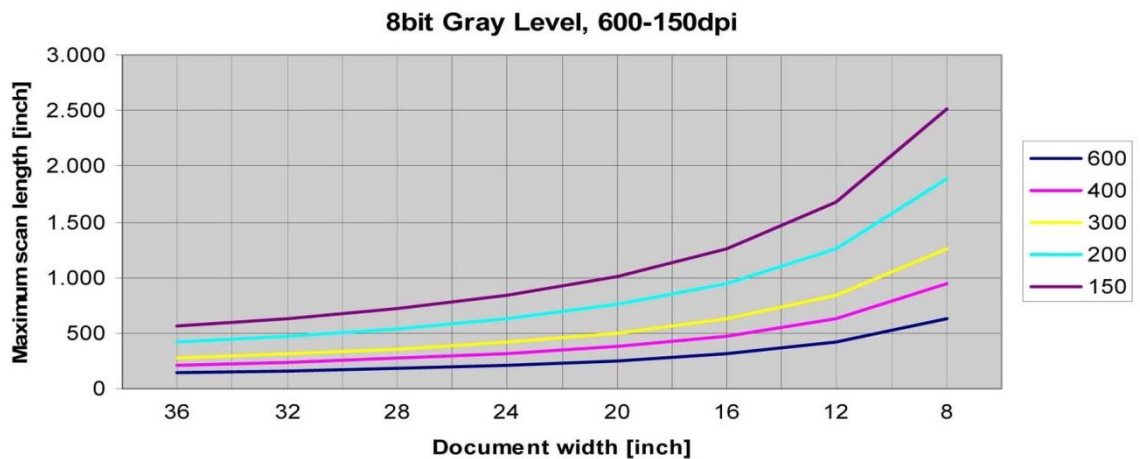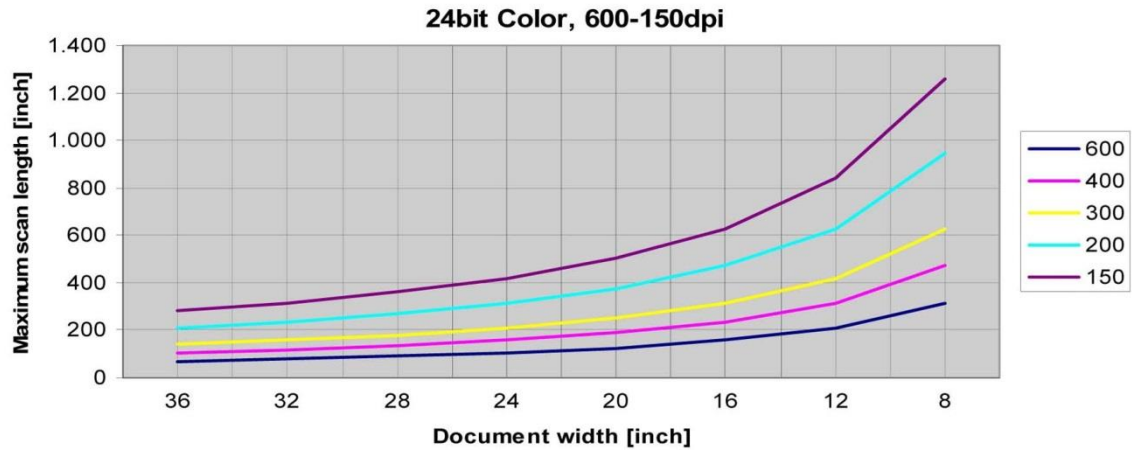
The following table shows the scan speed depending on the resolution.

# 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 | 970 mm / 38.2 inch |
| Maximum scan width | 915 mm / 36 inch |
| Scanner resolution | 1200 x 1200 dpi (optional 9600 × 9600 dpi interpolated) |
| Optical resolution | 1200 x 600 dpi |
| Pixel dimension | 9.3 x 9.3 µm |
| Sensor type | 3x Tri-Color CCD, encapsulated and dust-proof |
| Color depth | 16 bit grayscale (internal resolution) 48 bit color (internal resolution) |
| Sensor resolution | 67,500 pixels (3x 22,500) |
| Scan modes | 24 bit color, 8 bit color indexed color, 8 bit grayscale, Bitonal, enhanced halftone |
| File formats | Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data |

## Accuracy and Stitching

| | |
|---|---|
| Stitching target | Permanently built-in |
| Stitching interval | One measurement per minute minimum |
| Warm-up time | None |
| 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 lamps with white LEDs, integrated optical diffusor |
| Warm-up time of the lamps | None. Max. brightness immediately after switch-on. |
| Temperature dependency | None |
| UV / IR radiation | None |
| Lifetime of the LEDs | 50,000 hours (typ.) |

# Electrical Specifications

| Input voltage | 100 – 240 Vac |
|---|---|
| Frequency | 47 - 60 Hz |
| Output voltage | 24 Vdc |
| Output current | 6,25 A |
| ECO Standard | CEC Level VI |

**Scanner**

| Input voltage | 2 * 24 Vdc |
|---|---|
| Input current (fused) | 2 * max. 5 A |

**Power Consumption**

| Sleep | < 0.5 W |
|---|---|
| Standby | ca. 10.4 W |
| Ready to scan | 100 W |
| Scanning | 190 W |

# Documents Specification

| Document length | up to 500 m / 20,000 inch long[1] |
|---|---|
| Paper weight | Any |
| Document thickness | 2.5 mm / 0.1 inch maximum |

[1] The maximum document length depends on the scan resolution and the scan mode.

# Dimensions and Weight

| | |
|---|---|
| Scanner outer dimensions | 248 x 1094 x 685 mm (H x W x D) <br> 9.8 x 43 x 27 inch |
| Scanner outer dimensions <br> (with floor stand) | 1070 x 1094 x 685 mm (H x W x D) <br> 42.1 x 43 x 27 inch |
| Weight of scanner | 64 kg / 141 lbs. |
| Weight of floor stand / incl. <br> the paper catch | 18.5 kg / 20.7 kg <br> 40,8 lbs. / 45,6 lbs. |

**Transport Box:**

| | |
|---|---|
| Dimension of transport box | 470 x 1200 x 800 mm (H x W x D) <br> 18.5 x 47.2 x 31.5 inch |
| Weight, ready to ship | 80 kg /176,4 lbs. |
| Transport box BDL[2] | 670 x 1200 x 800 mm (H x W x D) <br> 26.4 x 47.2 x 31.5 inch |
| Weight, ready to ship - BDL | 125 kg / 275,6 lbs. |

[2] Bundled scanner system

# Ambient Conditions

| | |
|---|---|
| Ambient temperature during operation | 5 to 40 °C / 40 to 105 °F |
| Storage temperature | 0 to 60 °C / 32° to 140 °F |
| Relative humidity | 20 to 80% (non-condensing) |
| Noise development | ≤ 35 dB(A) (Operating) <br> ≤ 25 dB(A) (Stand-by) |