

KODAK TRENDSETTER Q1600 PLATESETTER



Competitive VLF plate making

Exceptional stability, reliability and quality

Built with the same award-winning thermal imaging technology and advanced engineering that have made KODAK TRENDSETTER Platesetters popular worldwide, the KODAK TRENDSETTER Q1600 Platesetter offers outstanding quality and reliability for large-format plate making. Designed with affordability in mind, the TRENDSETTER Q1600 Platesetter enables offset packaging and commercial printers to compete with both high-quality print and low-cost operations.

Affordable efficiency

Now offered with a faster speed option, W-speed, the TRENDSETTER Q1600 Platesetter has a throughput of up to 31.2 plates per hour. With semi-automatic plate loading and unloading, you can get to press quickly and efficiently.

The affordable capital cost of the TRENDSETTER Q1600 Platesetter enables a quick return on investment. In addition, the reliability and stability of a KODAK Platesetter can help you improve your uptime and reduce plate remakes.

Go remote!

The optional KODAK Mobile CTP Control App lets you monitor your TRENDSETTER Q1600 Platesetter remotely with your Android or IOS device. Know instantly if one of your CTP devices needs attention, even if you are out of the room or off site, so you can get back to making plates quickly.

Film Imaging Option

Expand your capabilities with the Film Imaging Option, which includes the hardware required for thermal film imaging: vacuum systems; film registration sensors and indicators; debris collection system; and external venting system.

Accurate and stable imaging

KODAK SQUARESPOT Imaging Technology, standard in every TRENDSETTER Q1600 Platesetter, delivers dependable accuracy regardless of plate emulsion sensitivity, processor variation, and laser power. Thermal compensation technology enables accurate and consistent imaging from plate to plate and machine to machine. This stability not only enables you to reduce costs through fewer remakes and less time adjusting for variables, it allows you to differentiate and grow your business. The 4,800 / 5,080 dpi High-Resolution Option allows you to expand into new areas such as security printing and high-resolution art.

Complete solution from Kodak

Kodak is the one vendor that can offer you a complete and truly unified solution, including CTP device, plates, plateline equipment, and workflow. With over 24,000 thermal CTP installations, plate manufacturing locations throughout the world, and a highly skilled and responsive support network, Kodak is an ideal partner for your VLF plate making needs.



KODAK TRENDSETTER Q1600 PLATESETTER

| General specifications | |
|--|---|
| Technology | 830 nm platesetter with KODAK SQUARESPOT Imaging Technology |
| Load/unload systems | Semi-automatic plate loading and unloading. |
| Performance specifications | |
| Throughput at 2400 dpi ^{1,2} for plate size 1,030 x 800 mm, portrait mode | F speed = 11 plates per hour X speed = 19 plates per hour W speed = 31.2 plates per hour |
| Throughput at 2400 dpi ^{1,2} for plate size 1,650 x 1,325 mm | F speed = 7.9 plates per hour X speed = 14.8 plates per hour W speed = 24.3 pph |
| Repeatability ³ | +/- 8 microns between two consecutive exposures on the same plate left on the drum |
| Accuracy ³ | +/- 30 microns accuracy of image size and shape |
| Registration ³ | +/- 25 microns between image and plate edge |
| Workflow connectivity | Standard KODAK Print Console with TIFF Downloader Software included; connects to KODAK PRINERGY Workflow and most third-party workflow systems. JDF/JMF Connectivity Option enables functionality in the Print Console software to provide job and device status. The optional KODAK Mobile CTP Control App lets you monitor CTP devices from your mobile device. |
| Imaging specifications | |
| Resolution | Standard: 2400/1200 dpi Optional: 2540/1270 dpi High-Resolution Options: 4800 or 5080 dpi |
| Screening | 450 lpi max line screen <i>Optional: 20- or 25-micron KODAK STACCATO Screening</i> |
| Maximum plate size: around drum x along drum ⁴ | 1,325 x 1,650 mm |
| Minimum plate size: around drum x along drum ⁴ | 394 x 394 mm |
| Maximum image area: around drum x along drum | 1,314.9 x 1,650 mm |
| Physical characteristics | |
| Size (H x W x D) | 120 x 254 x 181 cm |
| Weight | 990 kg |

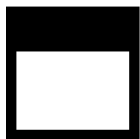
1 Imaging speed and throughput is dependent on media sensitivity. All values are for media sensitivity of 130mJ/cm.²
Based on TRILLIAN SP Plate throughput.

2 Tested with Kodak Workflow Solutions. For additional information about the test conditions, please consult your Kodak representative.

3 Specifications pertain to performance at largest plate size, over full temperature range.

4 Standard plate gauge is 0.2 to 0.4 mm.

The platesetter is a Class 1 Laser Product and fully complies with EN60825-1 and US Federal Regulations 21 CFR 1040.10 - CDRH.



**KODAK
SQUARESPOT**
IMAGING
TECHNOLOGY

