

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 reliability

The affordable capital cost of the TRENDSETTER Q1600 Platesetter enables a quick return on investment. With semi-automatic plate loading and unloading and throughput of up to 19 plates per hour, the TRENDSETTER Q1600 Platesetter enables you to get to press quickly and efficiently. In addition, the reliability and stability of a KODAK PLATESETTER can help you improve your uptime and reduce plate remakes.

New app for remote monitoring

The new, 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 22,000 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.



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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
Throughput at 2400 dpi ^{1,2} for plate size 1,650 x 1,325 mm	F speed = 7 plates per hour X speed = 14.8 plates per hour
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.

Eastman Kodak Company 343 State Street Rochester, NY 14650 USA +1-866-563-2533 in North America. Produced using Kodak Technology.
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