



KALIDECK
PREPRESS PRINT SOLUTIONS

Complete Lithographic *Prepress* Solutions





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Company Overview

Driving Ultimate Performance Across Lithographic Prepress

Kalideck is a trusted end-to-end prepress solutions partner to the lithographic printing industry, delivering integrated hardware, software and consumable solutions designed to support modern print environments. With a strong focus on productivity, reliability and print quality, we work closely with commercial and packaging printers to optimise workflows, improve operational efficiency and ensure consistent output across every stage of production.

Delivering Value Across the Print Process:



End-to-end lithographic prepress solutions



Performance, Productivity, Reliability



Technical expertise and support



Innovation and future-ready technology

From advanced prepress technologies and workflow automation to high-performance printing plates and technical support, Kalideck provides the expertise and solutions printers need to remain competitive in an evolving industry.



KALIDECK
PREPRESS PRINT SOLUTIONS



Kalideck delivers a complete lithographic ecosystem built to power modern print environments. From advanced hardware and intelligent workflow software to high-performance printing plates and technical support, our integrated solutions are designed to improve productivity, consistency and print quality at every stage of production. By providing the full ecosystem through a single trusted partner, we help printers streamline operations and achieve reliable, high-performance results.

From hardware and workflow software to high-performance plates, Kalideck powers the complete print ecosystem.

01

Hardware

02

Software

03

Consumables

04

Technical
Support

Integrated lithographic solutions designed to maximise print performance, efficiency and reliability.



From advanced Computer-to-Plate systems and intelligent workflow automation to SONORA Process Free Plates and dedicated technical services, our solutions are built to streamline production, reduce operational complexity and maximise uptime across the print process.

Integrated Hardware Solutions

- Advanced lithographic prepress technology engineered for precision, efficiency and reliable performance.

Intelligent Workflow Software

- Automated prepress and workflow solutions designed to streamline production and improve control.

High-Performance Consumables

- Advanced lithographic plates engineered for flawless print consistency, sharp detail and maximum pressroom efficiency.

Technical Support & Expertise

- Dedicated technical services focused on maximising uptime, performance and print consistency.



Integrated Hardware Solutions

In partnership with Kodak, Kalideck supplies industry-leading lithographic hardware engineered for precision, reliability and performance. Our range of advanced CTP and production systems is designed to meet the demands of modern print environments, helping printers improve efficiency, maintain consistent output and maximise productivity across every stage of production.

01

Industry-leading lithographic hardware engineered for precision, consistency and long-term reliability.

03

Built to support from smaller operations to demanding production environments with consistent output and reduced downtime.

02

Optimised workflows and automation designed to improve throughput and reduce manual intervention.

04

Integrated solutions that work efficiently with Kodak and Hybrid Software workflow systems for streamlined production.

Kodak Achieve T400/T800 Platesetters



The KODAK ACHIEVE T400/T800 Platesetter delivers the stability and reliability of Kodak’s thermal CTP technology at exceptional value, enabling you to provide print quality that differentiates you from your competition.



Semi-Automatic



Auto Unload



Autoloader

KODAK ACHIEVE T400/T800 Platesetter	
Technology	830 nm platesetter with thermal light valve TH5 Imaging Technology, external drum
In-line punch option	• Up to 10 customized punch heads. Select from a list of punches qualified for ACHIEVE T400/T800 Platesetters
	• Optional automatic punching is operated according to press profile selected from the Kodak Workflow
	• Punch is available on the front edge of the plate only
	Automatic punch system adjustment for centering of plate
Media support	Support for a wide variety of KODAK Plates and third-party plates.

Performance specifications	T400 Platesetter	T800 Platesetter
Throughput at 2400 dpi plates per hour (pph)	S speed = 22 pph F speed = 28 pph For plate size 28.5039" x 32.9951" (724 x 838 mm)	S speed = 16 pph F speed = 22 pph For plate size 40.5521" x 32.9921" (1030 x 838 mm)
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum	
Accuracy	± 20 microns between two plates imaged on the same device	
Registration	± 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	2400 dpi or 1200 dpi	
Screening	200 lpi max line screen; Optional: 36-micron KODAK STACCATO Screening	
Maximum plate size: around x along drum	32.9921" x 38.9764" (838 x 990 mm)	Standard: 32.9921" x 45" (838 x 1,143 mm)5 Auto Unload/Autoloader/SCU/MCU: 32.9921" x 44.0157" (838 x 1,118 mm)
Minimum plate size: around x along drum	Standard: 10.5118" x 8.4646" (267 x 215 mm) Auto Unload/Autoloader/SCU/MCU: 12.9921" x 10.6299" (330 x 270 mm)6	Standard: 10.5118" x 8.4646" (267 x 215 mm) Auto Unload/Autoloader/SCU/MCU: 12.9921" x 10.6299" (330 x 270 mm)6
Maximum image area: around x along drum	32.5945" x 38.9764" (827.9 x 990 mm)	Standard: 32.5945" x 45" (827.9 x 1,143 mm) Auto Unload/Autoloader/SCU/MCU: 32.5945" x 44.0157" (827.9 x 1,118 mm)
Physical characteristics		
Size (H x W x D) / Weight	Standard: 5.25 x 6.56 x 3.94 ft. / 1,433 lbs.	SCU: 6.10 x 7.64 x 7.58 ft. / 2,553 lbs.
	Auto Unload: 5.58 x 6.56 x 4.20 ft. / 1,680 lbs.	MCU: 6.27 x 7.64 x 8.33 ft. / 4,050 lbs.
	Autoloader: 6.04 x 6.56 x 4.20 ft. / 1,755 lbs.	In-Line Punch System Option: 3.35 x 4.95 x 3.93 ft. / 390 lbs.
		For long unload table with plate rotation option: height becomes 6.89 ft. and 1.74 ft. is added to the depth. Add 22 lbs. to weight.

Kodak Trendsetter Q400/Q800 Platesetters



The popular KODAK TRENDSETTER Q400/Q800 Platesetter is designed to meet the challenges of today’s business environment. Based on the same trusted technology that printers have depended on for over 20 years, the TRENDSETTER Platesetter has evolved to help printers adapt and grow.



INCREASE
PRODUCTIVITY
AND GROWTH



REDUCE YOUR
ENVIRONMENTAL
FOOTPRINT



BEST-IN-CLASS
IMAGING
TECHNOLOGY

KODAK TRENDSETTER Q400/Q800 Platesetter	
Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum
In-line punch option	Up to 10 customized punch heads. Select from a list of punches qualified for TRENDSETTER Q400/Q800 Platesetters
	Optional automatic punching is operated according to press profile selected from the KODAK Workflow
	Punch is available on the front edge of the plate only
	Automatic punch system adjustment for centering of plate

Performance specifications	Q400 Platesetter	Q800 Platesetter
Throughput at 2400 dpi plates per hour (pph)	Standard and Auto Unload: F speed = 30 pph X speed = 43 pph Autoloader/SCU/MCU: F speed = 33 pph X speed = 50 pph W speed = 75 pph For plate size 32.9921" x 28.5039" (838 x 724 mm) (around x along drum)	Standard and Auto Unload: F speed = 22 pph X speed = 34 pph Autoloader/SCU/MCU: F speed = 24 pph X speed = 41 pph W speed = 66 pph For plate size 32.9921" x 40.5512" (838 x 1030 mm) (around x along drum)
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum	
Accuracy	± 20 microns between two plates imaged on the same device	
Registration	± 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; Optional: 25-, 20- or 10-micron KODAK STACCATO Screening	
Maximum plate size: around x along drum	32.9921" x 38.9764" (838 x 990 mm)	Standard: 32.9921" x 45" (838 x 1,143 mm)5 Auto Unload/Autoloader/SCU/MCU: 32.9921" x 44.0157" (838 x 1,118 mm)
Minimum plate size: around x along drum	Standard: 10.5118" x 8.4646" (267 x 215 mm) Auto Unload/Autoloader/SCU/MCU: 12.9921" x 10.6299" (330 x 270 mm)	Standard: 10.5118" x 8.4646" (267 x 215 mm) Auto Unload/Autoloader/SCU/MCU: 12.9921" x 10.6299" (330 x 270 mm)
Maximum image area: around x along drum	32.5945" x 38.9764" (827.9 x 990 mm)	Standard: 32.5945" x 45" (827.9 x 1,143 mm) Auto Unload/Autoloader/SCU/MCU: 32.5945" x 44.0157" (827.9 x 1,118 mm)
Physical characteristics		
Size (H x W x D) / Weight	Standard: 5.25 x 3.93 x 5.65 ft / 1,433 lbs	SCU: 6.10 x 7.64 x 7.58 ft / 2,553 lbs
	Auto Unload: 5.58 x 6.56 x 4.20 ft / 1,680 lbs	MCU: 6.27 x 7.64 x 8.33 ft / 4,050 lbs
	Autoloader: 6.04 x 5.56 x 4.20 ft / 1,755 lbs	In-Line Punch System Option: 3.35 x 4.95 x 3.93 ft / 390 lbs <i>For long unload table with plate rotation option: height becomes 6.89 ft, and 1.74 ft is added to the depth.</i>
		Add 22 lbs to weight.

Kodak Magnus Q800 Platesetter



The KODAK MAGNUS Q800 Platesetter provides exceptional productivity and efficiency to meet the needs of both small and large commercial printers. It is the fastest 8-page CTP available, imaging up to 84 plates per hour, with a modular design for easy scalability and various plate options.



ADVANCED AUTOMATION

Fully automated; holds up to 550 plates in 5 cassettes, each containing up to 110 plates of the same size

KODAK MAGNUS Q800 PLATESETTER	
Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum
In-line punch option1	Up to 10 customized punch heads. Select from a list of punches qualified for MAGNUS Q800 Platesetters
	Optional automatic punching is operated according to press profile selected from the KODAK Workflow
	Punch is available on the front edge of the plate only

Performance specifications	Q800 Platesetter
Throughput at 2400 dpi plates per hour (pph)	Standard: F speed = 28 pph Optional: X speed = 45 pph Optional: T speed Plus = 84 pph
Repeatability	± 5 microns between two consecutive exposures on the same plate left on the drum
Accuracy	± 20 microns between two plates imaged on the same device
Registration	± 25 microns between image and plate edge
Workflow connectivity	Standard: XPO TIFF Downloader Software (included) connects to KODAK PRINERGY Workflow and most third-party workflow systems. Optional: • JDF/JMF Connectivity Option enables functionality in the software to provide job and device status. • The 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 (not available with T-speed)
Screening	450 lpi max line screen Optional: 25-, 20- or 10-micron KODAK STACCATO Screening
Maximum plate size: around x along drum	37.4016" x 45.7874" (950 x 1,163 mm)
Minimum plate size: around x along drum	12.9921" x 12.0079" (330 x 305 mm)
Maximum image area: around x along drum	36.9294" x 45.7874" (938 x 1,163 mm)
Minimum image area: around x along drum	12.5197" x 12.0079" (318 x 305 mm)
Physical characteristics	
Size (H x W x D) / Weight	Standard: 3.71 x 7.58 x 5.45 ft / 2,293 lbs
	SCU: 4.79 x 5.78 x 14.21 ft / 4,577 lbs
	MCU: 4.79 x 12.11 x 14.21 ft / 6,178 lbs
	SPL or MPL with one pallet: 5.09 x 7.58 x 13.42 ft / 3,695 lbs
	MPL with Second Pallet Option: 5.09 x 7.58 x 17.75 ft / 4,324 lbs (Height is 8.14 ft when Pallet Loader door is open.)

Kodak Magnus Q3600 Titan Platesetter



MAGNUS Q3600 Titan Platesetter features the latest KODAK SQUARESPOT Imaging Technology thermal heads with advancements that ensure performance for decades to come. SQUARESPOT automatically compensates for temperature-related plate expansion and contraction, so you get precise, consistent imaging from plate to plate and machine to machine.



MULTI-PALLET
LOADER (MPL)



MULTI-CASSETTE
UNIT (MCU)



CONTINUOUS
LOAD

KODAK MAGNUS Q3600 TITAN PLATESETTER	
Technology	830 nm platesetter with KODAK SQUARESPOT Imaging Technology, external drum
In-line punch option1	Optional automatic punching is operated according to press profile selected from the KODAK Workflow.
	Up to 10 customized punch heads. Select from a list of punches qualified for MAGNUS Q3600 Titan Platesetter.
	Punch is available on the leading edge of the plate only.

Performance specifications	Q3600 Titan Platesetter
Repeatability	± 15 microns between two consecutive exposures on the same plate left on the drum
Accuracy	± 35 microns between two plates imaged on the same device
Registration	± 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 (not available with W speed)
Screening	450 lpi max line screen Optional: 25-, or 20-micron KODAK STACCATO Screening
Maximum plate size: around x along drum	62.9921" x 82.0079" (1600 x 2083 mm)
Minimum plate size: around x along drum	Standard/MCU: 19.0157" x 15.5118" (483 x 394 mm) MPL: 19.0157" x 22.9921" (483 x 584 mm)
Maximum image area: around x along drum	62.4409" x 82.0079" (1586 x 2083 mm)
Physical characteristics	
Size (H x W x D) / Weight	• Continuous Load: 13.8123' x 8.3005' (4210 x 2530 mm)
	• MCU: 23.8845' x 9.2848' (7280 x 2830 mm)
	• MPL1600 1 Segment: 24.9344' x 9.2848' (7600 x 2530 mm)
	• MPL1600 2 Segment: 29.9869' x 9.2848' (9140 x 2530 mm)
	• MPL1600 3 Segment: 35.1706' x 9.2848' (10720 x 2530 mm)
	• MPL3600 1 Segment: 27.2310' x 9.1864' (8300 x 2800 mm)
	• MPL3600 2 Segment: 33.2677' x 9.1864' (10140 x 2800 mm)
	• MPL3600 3 Segment: 39.4357' x 9.1864' (12020 x 2800 mm)



Intelligent Workflow Solutions

Powered by Kodak, our workflow solutions are designed to streamline lithographic production through greater automation, accuracy and control. From prepress to output, Kalideck delivers integrated systems that improve efficiency, reduce manual intervention and optimise print performance.

KODAK Prinergy Workflow

KODAK PRINERGY delivers advanced workflow automation that improves efficiency, reduces errors and enhances control across lithographic production environments.





Consumables

Kalideck supplies high-performance consumable solutions designed to support efficient, consistent and sustainable lithographic production. In partnership with Kodak, our KODAK SONORA XTRA Process Free Plates deliver exceptional print quality while reducing processing steps, chemistry usage and operational waste for modern print environments.

01

Process-free technology for simplified production

02

Reduced chemistry, water and energy consumption

03

Consistent high quality print performance

04

Improved efficiency with reduced operation waste



Kodak Sonora XTRA Plates

Bottom-Line Impact:
Cost Reduction



Chemistry & Disposal

Remove costs associated with purchasing developers, replenishers, and finishers, as well as the high fees for chemical neutralisation and hazardous waste disposal



Equipment & Maintenance

End the need for processor purchasing, installation, and specialised plumbing. This includes eliminating monthly service contracts, cleaning labor, and the cost of parts.



Operational Stability

Reduce press downtime and material waste (plates, paper, and ink) caused by processing variability or equipment breakdowns.



Administrative Savings

Lower the burden of tracking chemical inventory, managing storage space, and maintaining compliance with evolving environmental regulations.

Sustainability at Scale

Conserving Resources

Industry adoption of these plates is projected to save up to 361 million liters of water annually.

Carbon Footprint

By cutting roughly 139 million kWh of energy every year, the print industry significantly reduces its overall carbon impact.

Waste Prevention

Shifting to process-free technology prevents the production and disposal of approximately 2.73 million liters of plate developer per year.

Exceptional Long-Run Performance

Robust plate performance across sheetfed, web and UV applications with extended run lengths and reliable consistency.

KODAK SONORA Plates deliver a safer work environment and a more sustainable business model by going straight from imaging to press, effectively "printing" more profit through the total elimination of prepress chemistry, water, and waste.



A Cleaner Pressroom Starts with Process-Free Innovation

True innovation does not just improve your work: it preserves the environment. By removing the plate processing step entirely, you transition to a streamlined workflow that eliminates the need for prepress chemistry, energy intensive ovens, and millions of liters of water. It is a cleaner, safer, and more responsible way to print that benefits your team, your facility, and the planet.



THE 3 ZERO PILLARS

Zero Water Consumption

By switching to SONORA XTRA Process Free Plates, you completely eliminate water usage in the prepress stage. This includes zero water for plate rinsing, zero water for concentrated chemistry dilution, and zero water for cleaning out units.

Zero Chemical Waste

Eliminate the environmental burden of hazardous materials by removing the processing step entirely. This shift prevents the production and disposal of millions of liters of plate developer every year.

Zero Energy for Processing

Reduce your carbon footprint by cutting the cord on energy intensive processing equipment. SONORA XTRA Plates allow you to bypass thermal processors and baking ovens that typically consume significant kilowatt hours.



Capricorn GT Thermal Plate

Streamlined Value for Commercial Operations:

Engineered specifically for cost-conscious, small to mid-size commercial printers, the Capricorn GT offers a highly competitive price point by focus-restricting its production to the most common market sizes and gauges.

Dependable Daily Performance:

Take full advantage of Kodak's thermal imaging heritage with a digital plate that integrates seamlessly into your prepress ecosystem, delivering sharp detail and rock-solid consistency across AM and FM applications.

Broad Hardware Compatibility

Features a broad spectral response that makes it fully compatible with market-leading thermal platesetters, including Kodak Trendsetter, Lotem, and Magnus systems.

Electra XD Thermal Plate

Elite High-Resolution Capabilities:

Designed for premium commercial and publication printing, the Electra XD gives you the ability to outshine the competition by delivering extraordinarily sharp detail and elite-tier stability from the shortest to the longest print runs.

Exceptional Durability and Longevity:

Built to withstand the harshest press environments, these premium plates deliver outstanding resistance to aggressive press chemicals and UV inks while reducing variation caused by dot wear on press.

Extensive Equipment Adaptability

Fully compatible with a wide roster of premium platesetters, from Kodak Magnus and Trendsetter lines to Screen, Heidelberg, and Luscher systems.

Kodak thermal plates utilise advanced thermal imaging technology to deliver exceptional accuracy, consistency, and stability in prepress, enabling rapid roll-up to color and excellent ink-water balance on press to maximise productivity and minimise waste across a wide range of commercial print run lengths.



The Green Leaf Program

This program is designed for our valued customers who use KODAK SONORA Process Free Plates, offering them a unique opportunity to showcase their dedication to eco-friendly practices.

Operating sustainably is becoming a critical feature of the supply chain, especially for print buyers in the consumer packaged goods (CPG) and publishing industries.

Why the Green Leaf Program Matters:

The Green Leaf program is more than just a symbol; it's a statement. It signifies that you, as a printer, are part of a select group that prioritises the environment without compromising on performance.

- **Lower power and water consumption**
- **Waste reduction and lower carbon footprint**
- **The elimination of chemistry & processing**

The Kodak Green Leaf Program is a complimentary marketing initiative that provides KODAK SONORA Process Free Plates customers with a comprehensive suite of promotional tools, logos, and assets to showcase their commitment to sustainable printing.



KODAK SONORA
PROCESS FREE PLATES

**NO WATER.
NO CHEMISTRY.
NO ELECTRICITY.**

Technical Expertise That Keeps You Running

Kalideck's Technical Services team provides expert support designed to keep lithographic production environments operating efficiently and reliably. From equipment maintenance and troubleshooting to workflow optimisation and process control, our technical specialists help customers maximise uptime, improve consistency and maintain peak print performance.

- **Strategic Technical Support**
Dedicated expertise and responsive support tailored to modern print environments.
- **Reduced Equipment Downtime**
Proactive maintenance and efficient troubleshooting to keep production running.
- **Workflow Performance and Optimisation**
Technical guidance focused on improving efficiency, productivity and overall print performance.





Contact Details



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