



KODAK ASCEND DIGITAL PRESS



Take Print To New Heights.

PRINT AND EMBELLISH, ALL IN A SINGLE PASS

The world's first electrophotographic (EP) press that enables you to print and embellish on heavy-weight stocks – all in one super-reliable, cost-effective, easy-to-use machine.

Designed for customers looking to create short-run packaging, displays and signage – without the long run requirements of litho, or the cost and complexity of large format inkjet.

6X

Change out inks
6 times faster.

530_{gsm}

Print stocks up to 530 gsm
(762 microns / 30pt)

1219_{mm}

1219 mm (48 in)
paper length
accommodation.

572_m

5280 square feet
per hour. 572 square
meters per hour.

23%

More print area
than a B2 sheet.

495_{mm}

495 mm (19.5 in) pile
height for high capacity
delivery.

Folding cartons

Short-run

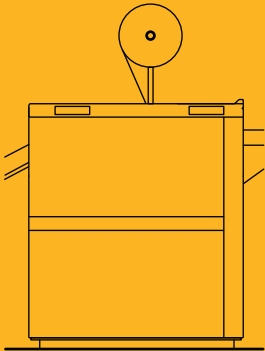
Point-of-purchase displays

Trading cards

Prototypes

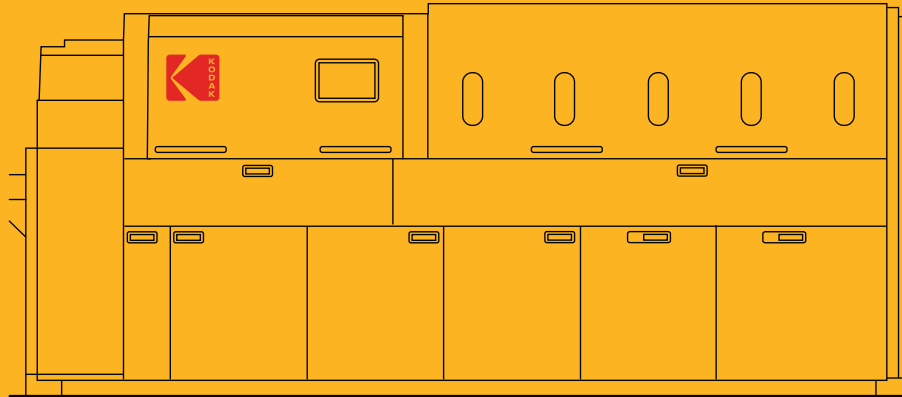
Personalized packaging

Lamination

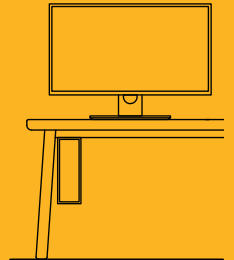


KODAK ASCEND
DIGITAL PRESS

Simplify the foiling process into 3 steps



Digital
Front-end



5

FROM FILE TO FINISHED – FASTER!

The powerful KODAK Digital Front End is an intuitive system providing easy-to-use processing power and advanced automation that maximizes job flow.

6

SEAMLESS INTEGRATION

The ASCEND Digital Press integrates easily into existing workflow and finishing environments, including KODAK PRINERGY Workflow, or third-party systems.

All this means new business with better margins for you and higher quality for your customers.



One Pass. One Press.
Infinite Possibilities.



Operational Efficiencies

1

SUBSTRATE FLEXIBILITY

The robust, sheet-fed design can run heavy weight stocks and substrates at long lengths supporting a varying range of short-runs and applications.

2

LOWER COST

KODAK ASCEND Press is simple to setup, simple to use and simple to maintain – and at less than half the combined price of a standalone wide format inkjet and digital enhancement press. Perfect for entering the lucrative world of packaging and retail signage.



3

ROCK-SOLID RELIABILITY

Having just one press to handle both print and embellishment removes the need to set up multiple machines, reducing errors, press downtime and system bottlenecks.

4

GLOSS CONTROL

ASCEND Press is the first digital press to control gloss levels during the electrophotographic process. With new KODACHROME Dry Inks, operators can adjust gloss levels without compromising on speed, accuracy, or quality.

FOIL ACCURACY AND DETAIL

The unique single-pass process eliminates registration and trapping issues that occur with multiple-pass technology.

No shrinkage, misregistration, expensive trapping software, or degradation.

Crisp. Clean. Sharp. Every time.



ENHANCED COLOR OPTIONS

The high gamut KODACHROME Dry Inks are capable of achieving more than 90% of the PANTONE library with just CMYK allowing the extra ink station to focus on product enhancing embellishments while still achieving the most challenging brand colors.





IF YOU CAN PRINT IT, NOW YOU CAN EMBELLISH IT

KODACHROME Dry Inks enable a spectrum of special effects – including opaque white, foil, antimicrobial, matte finishes and spot coating – to bring details to life. Produced using environmentally sustainable materials and fully recyclable, KODACHROME Dry Inks are rated for indirect food contact and create a safer work environment.





PRINT THAT PAYS

A full range of solutions to help you increase productivity and drive growth

KODAK ASCEND Digital Press

Print technology	Dry electrophotography, multi-bit (up to 8-bit with 256 levels of exposure per LED)
Resolution	600 x 600 x 256 dpi
Speed	5280 square feet per hour. 572 square meters per hour.
Maximum sheet size	279 mm x 1219 m (11" x 48")
Paper weight range	148 gsm to 687 gsm (711 microns / 30pt)
Paper types	<p>Paper: uncoated, matte coated, glossy coated, cast coated and textured, wood free and recycled, including a wide selection of standard offset papers and specialty rigid paper board.</p> <p>Special substrates: Glossy coated labels; static cling; magnetic; synthetics; pre-perforated and scored specialty stocks.</p>
Standard color printing	KODACHROME Cyan, Magenta, Yellow, Black (configurable print order)
Additional color printing & embellishments	KODACHROME Custom PMS colors KODACHROME Foil Dry Ink KODACHROME Dimensional Coating Solution KODACHROME Color Solution, gamut expansion (choice of Violet and Orange) KODACHROME Pearlescent Dry Ink KODACHROME Light Black Dry Ink KODACHROME Red Fluorescing Dry Ink KODACHROME Gold Dry Ink KODACHROME Clear Dry Ink KODACHROME Opaque White Dry Ink
Press Dimensions	10.05 x 2.03 m x 2.03 m (33' x 6' 8" x 6' 8")

[KODAK.COM/GO/ASCEND](https://www.kodak.com/go/ascend)

Eastman Kodak Company
343 State Street Rochester, NY 14650 USA

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