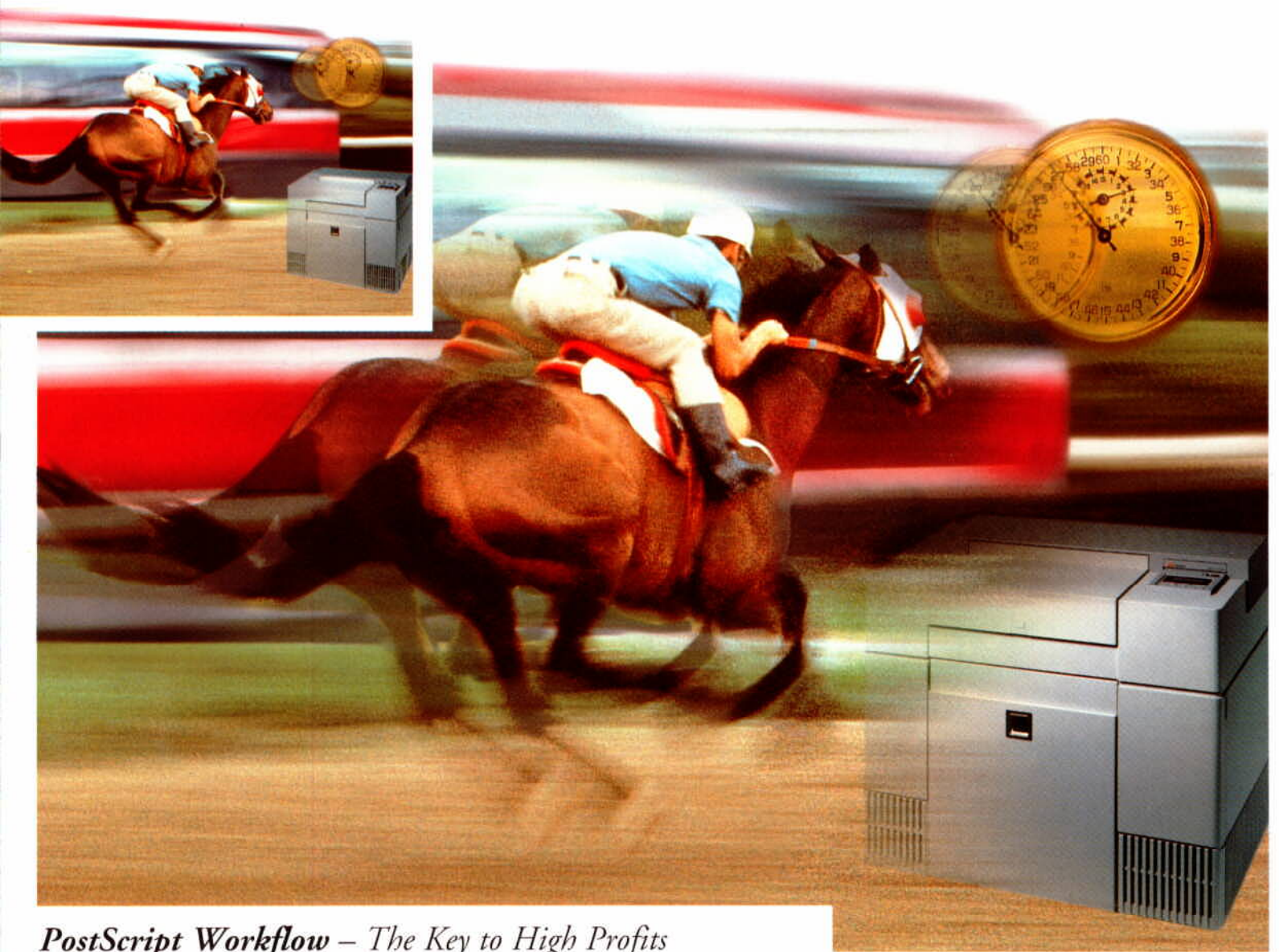


O U O T U T P U T T

DOLEV 250 & DOLEV 450

*High-speed imagesetters Scitex Class Screening
Two- and four-up Quick ROI Optimised for PostScript*



PostScript Workflow – The Key to High Profits

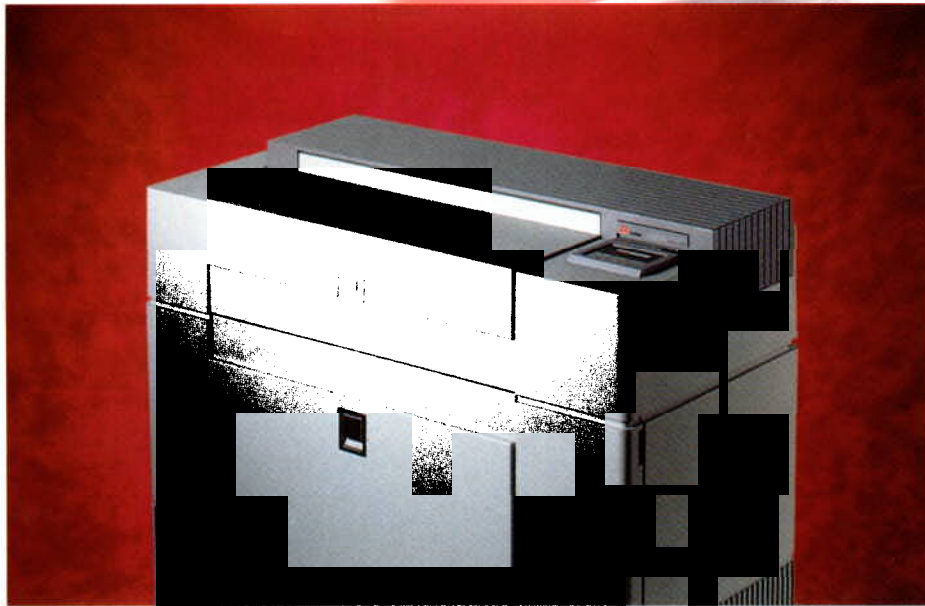
DOLEV 250 & DOLEV 450



Dolev 250: 14.5 x 19.68 inches image area

Dolev 250[™] and *Dolev 450*[™] are high-quality, internal-drum imagesetters that run with a choice of RIP workstations: PowerMac, Pentium*-based IBM PS/2* or a *Whisper*[™]-based workstation with a fast, multidevice controller. Each imagesetter has a high-speed, air-bearing spinner that rotates at 24,000 rpm, exposing film twice as fast as the popular *Dolev 200*[™] and *Dolev 400*[™] imagesetters. The *Dolev 250* can image a full-format film (up to two 8½ x 11-inch pages), with a resolution of 2540 lines/inch, in about 1½ minutes net exposure time. The *Dolev 450* can do this (up to four 8½ x 11-inch pages) in about 2½ minutes.

❖ Both imagesetters include the advanced *Scitex Class Screening*[™], that allows you to choose from Conventional dots, *FULLtone*[™] (stochastic), and *GeometricDOT*[™] (resembling a line screen). Screen ruling can be up to 250 lines per inch and resolutions are selectable from 1524, 2032, 2540, 3048 and 3556 lines per inch. ❖ Operating in daylight, the imagesetters include a fast, automatic film feed, from loading and cutting to unloading. An inline film processor can be added for greater efficiency. Altogether, the *Dolev 250* and *Dolev 450* imagesetters boost your throughput and give you a fast return on investment.



Dolev 450: 25.5 x 19.68-inch image area

ASTEST

Dolev 250

This compact, medium-format imagesetter has a maximum imagesetting area of 14.5 x 19.68 inches. The *Dolev 250* is ideal for service bureaus, trade shops, insert printers, magazine publishers, design studios with color, and desktop publishing systems.

Dolev 450

This large-format imagesetter has a maximum imagesetting area of 25.5 x 19.68 inches. The *Dolev 450* covers most requirements of repro shops, publishers and commercial printers.

Options

DUAL RIP – Two of the same or different RIP platforms can be connected to a single Dolev imagesetter. Working in parallel, they process separate files and send them alternately for exposure. This keeps the Dolev imagesetter active without idle time. You get maximum throughput with the high quality expected from Scitex.

DUAL QUEUE – The IBM PS/2 or *Whisper* RIPs can handle files in two queues – one for file conversion and one for exposing. While one file is being exposed, additional files are converted and added to their queue. Dual queue boosts system productivity by shortening the process.

TECHNOLOGY

Design: Internal drum
Light source: HeNe laser, 632.8 mm
Spot size: 17 microns, nominal
Raw imaging speed: 186 sq in./min at 2540 lines/in.

IMAGING

Net image area (max)
Dolev 250: 14.5 × 19.68 in.
Dolev 450: 25.5 × 19.68 in.
Page formats
Dolev 250: 2×8½×11 in., 1×11×17 in.
Dolev 450: 2×8½×11 in., 4×8½×11 in., 1×11×17 in., 2×11×17 in.
Resolution: 1524-3556 lines/in. in five steps
 (1524, 2032, 2540, 3048, 3556 lines/in.)
Screen technology: *Scitex Class Screening* – Conventional (round, square, diamond, gravure, composite), *FULLtone* (stochastic), *GeometricDOT*, and High Definition
Screen ruling or frequency: 60-250 lines/in.
Screen angles: Selectable from a variety of preset angles

RIP PLATFORM

Macintosh (not included): Software-based, PostScript level 2 interpreter; platforms supported include Quadra 650, 800, 840, 950 and Power Mac PPC 8100 and 7000
IBM PS/2: Software-based, running on an Intel Pentium CPU at 90 MHz; PostScript level 2 data formats: PostScript, *Scitex CT*[™] and *Scitex LW*[™] data formats
Whisper: Hardware-based, running with an Intel Pentium CPU at 90 MHz; *Scitex CT*, *Scitex LW* and *HandShake*[™] data formats
Connection to imagesetter: Scitex fiber link

MEDIA

Type: Roll, medium-to-high contrast, red-sensitive film, paper or polyester
Media length (max) and thickness: 200 ft @ 4 mil thick
Width
Dolev 250: 15 in.
Dolev 450: 26 in.
Cut length: 10 in. min to 21 in. max
Load/unload system: Automatic loading, cutting, and unloading, of exposed film; vacuum film hold-down
Unload cassette: Accumulating cut sheet type; 12-sheet capacity
Punch (optional): Internal, two holes – one round, one oval 3/16 in. diameter, spaced 13¾ in. on drum circumference, 7/16 in. from edge of drum
Inline film processor: Optional

ELECTRICAL REQUIREMENTS

100/110/120 Vac ±10%, single phase, 50/60 ±2 Hz, 700 VA

PHYSICAL CHARACTERISTICS

Size (H×W×D)
Dolev 250: 39 × 35 × 23 in.
Dolev 450: 39 × 45 × 23 in.
Weight
Dolev 250: 396 lb
Dolev 450: 530 lb

ENVIRONMENT

Temperature: 22 ±2°C
Relative humidity: 55 ±5%
Heat dissipation: 1000 BTU/h
Noise: Less than 55 dBA

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