Tektronix

Preliminary Information
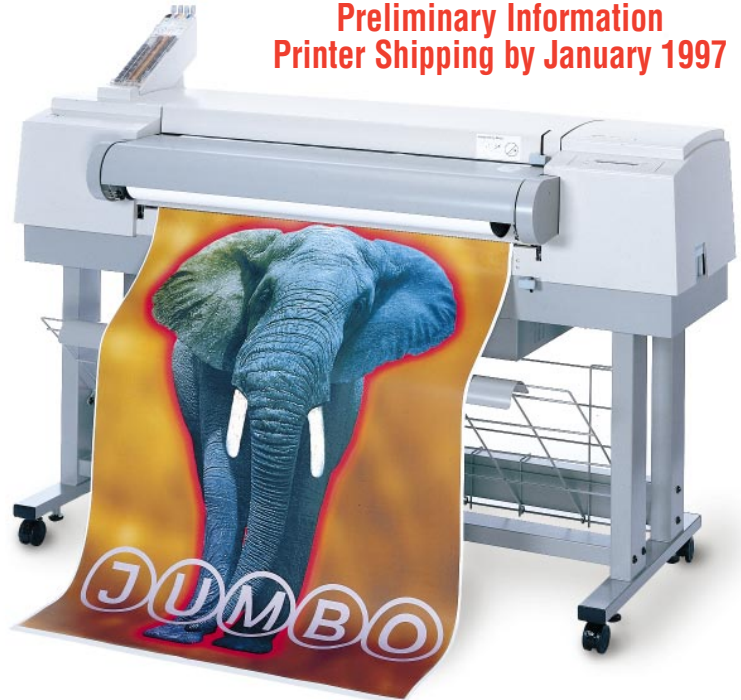Printer Shipping by January 1997

Phaser® 600

The Wide-Format Color Printer Designed for the Big Picture

Print on 36" (914 mm)- or 24" (610 mm)-wide roll stock in lengths up to 200' (60.9 m).

Print at speeds fast enough to expand your production capacity.

Big news. Now you can have Tektronix quality in poster-size. Introducing the Phaser 600 color printer. Beautiful, consistent color — fast and flexible. Easy to plug into your network, and surprisingly easy to use. When you're ready to expand your output, Tektronix makes it simple.

Media Flexibility

- The ultimate in stock options: if it goes through the printer, the 600 will print it.
- Roll stock or sheet-fed.
- No special ink-jet paper required.
- Bright, crisp color, even on absorbent papers.

Image Quality & Color Control

- Superior color gamut and detail in shadow, mid-tone, and highlight areas.
- PANTONE®*-approved solid color simulations.
- Genuine Adobe® PostScript® cross-platform compatibility.
- Adobe Brilliant Screens — the latest advances in Frequency Modulated (FM) screening.
- TekColor™ Dynamic Correction point-and-click color matching.
- PhaserMatch™ software custom color profiles.

* Pantone, Inc.'s check-standard trademark for color reproduction and color reproduction materials.

Call 1-800-835-6100 for your nearest Tektronix dealer.
http://www.tek.com/Color_Printers/

High Performance, Low Overhead

- Prints at up to twice the speed of liquid ink-jets.
- E-size (34" x 44") or A0-size (841 x 1189 mm) prints in 12 minutes in *Standard* mode, 24 minutes in *Enhanced* mode.
- PostScript RIP is built in: no print server or proprietary imaging software required.
- Plug-and-play networking.
- Print a preview "thumbnail" before you commit time and materials to the big one.
- *Reprint* feature holds the last job in memory for a quick rerun, without tying up your computer.
- PhaserLink™ software provides easy-to-use, cross-platform printer management.
- Optional Copystation turns your 600 into a giant color copier.

Easy to Use, Trouble-Free Operation

- Solid ink is easy to handle, easy to reload, and easy on your wardrobe.
- Comes out dry, ready to use.
- The ink is waterproof.
- Remarkably consistent color, no calibration is required.
- Replenish individual colors anytime, even during printing, for uninterrupted production.
- As easy to reload as a stapler.

TekColor

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This document was printed on-demand, on a Phaser color printer, to conserve resources.

600DS-01UA-01
November 1996

Tektronix

Phaser® 600 Color Printer

Adobe PostScript

MICROSOFT WINDOWS COMPATIBLE

Mac™ OS

yes It runs with NetWare

PANTONE CALIBRATED™

ISO 9001 KEMA CERT. NR. 93106 ACCREDITED BY THE DUTCH COUNCIL FOR CERTIFICATION

Specifications (Standard unless noted)

Color Technology Easy-to-use, solid-ink technology provides high-quality color printing with very little maintenance. Large-capacity ink supply can be replenished anytime for uninterrupted printing.

Resolution 300 dpi with Adobe Brilliant Screens. Automated image smoothing for low-resolution files printed at wide-format sizes.

Print Speed
Standard Mode: 144 sq. ins. per minute; E- or A0-size print in 12 minutes
Enhanced Mode: 72 sq. ins. per minute; E- or A0-size print in 24 minutes

Production Features Roll-feed with automatic trim, by print or project. *Print Preview* provides a "thumbnail" print before printing the full-size image. *Reprint* recalls the last image processed and reprints it immediately, in multiple copies if desired, without tying up your computer.

Workgroup Connectivity Windows/DOS and OS/2 PCs; Macintosh; and UNIX and VMS workstations.

Network Interfaces *Standard:* Bi-directional Parallel port; SCSI port for external font disk and/or Phaser Copystation; *Optional PhaserShare™ Network Cards:* Ethernet interface with support for Novell® NetWare®, EtherTalk®, and TCP/IP protocols; Token Ring with support for Novell NetWare, TCP/IP, and TokenTalk protocols; or LocalTalk and Serial. The optional PhaserShare network cards include printer management software that allows Windows users to easily manage the 600 over Novell NetWare networks. All ports and protocols are simultaneously active.

PhaserLink™ Software Tektronix PhaserLink software is platform-independent; it works with standard Web browsers. Just set the printer's network address and every user can help themselves to printer status, configuration settings, your Intranet support site, or Tektronix' searchable, support site — filled with a library of technical information.

Memory 8 Mbytes standard, expandable to 40 Mbytes.

Hard Disk 1 Gigabyte internal hard drive provides plenty of room for faster image download, additional fonts, and support for *Reprint* feature.

Controller Powerful 50-MHz RISC processor with advanced image handling for accelerated throughput.

Languages Genuine Adobe® PostScript® Level 2 and HPGL™-C emulation, with automatic language sensing and switching.

Media Types 36" (914 mm) and 24" (610 mm) rolls up to 200 feet (60.9 m), or sheet-fed media. Margins: Leading 0.9" (22 mm), Trailing 0.3" (8 mm), Sides 0.2" (5 mm). Images up to 150 feet (45.7 m) in length. Prints on paper, film, vinyl, canvas, virtually any media that will reliably feed through the printer. Tektronix glossy or lustre finish lamination media available for laminating Phaser 600 color prints.

Media Thickness Paper .003" to .020"   Film .0025" to .020"; Fabric .010" to .030".

Print Sizes

ANSI	E (34" x 44")	Architectural E (36" x 48")
	D (22" x 34")	D (24" x 36")
	C (17" x 22")	C (18" x 24")
	B (11" x 17")	B (12" x 18")
	A (8.5" x 11")	A (9" x 12")
Misc.	(30" x 42")	ISO Metric A0 (841 x 1189 mm)
JIS Metric	B1 (728 x 1030 mm)	A1 (594 x 841 mm)
	B2 (515 x 728 mm)	A2 (420 x 594 mm)
	B3 (364 x 515 mm)	A3 (297 x 420 mm)
	B4 (257 x 364 mm)	A4 (210 x 297 mm)

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Duplex Printing (Manual) Phaser 600 media can be printed on both sides.

Color Control TekColor™ Dynamic Correction provides accurate simulations of commercial printing presses. Choose standard simulations for *SWOP* (Publication grade), *Commercial*, *SNAP* (Newsprint), or *Euroscale* presses. With PhaserMatch™ software you can fine-tune the color reproduction curve, color density curve, and dot gain to create custom color profiles for your press, ink, and paper.

Printer Drivers *Standard:* PC and Macintosh; PhaserPrint™ plug-in provides direct download from Adobe Photoshop™. *Optional:* Drivers for SUN, SGI, HP, IBM, and DEC Workstations.

Color Standards PANTONE®*-approved solid color simulations, Adobe PostScript device-independent color, CIE international color standards, and support for ICC and Apple ColorSync color management systems.

Fonts *Standard:* 17 fonts; *Optional:* 39 fonts. Additional fonts may be downloaded in memory; built-in support for PostScript Type 1, Type 3, and TrueType™ fonts; SCSI port for external hard-disk storage of additional fonts.

Warranty A one year on-site warranty is standard, with optional plans for extended service.

Physical Specifications Height 41" (1038 mm); Width 67" (1700 mm); Depth with output basket 29" (737 mm); Weight 300 lbs. (136 kg).

Phaser Copystation

Turn your Phaser 600 color printer into a color copier. Simply add an optional Tektronix Phaser Copystation desktop copy unit. Make wide-format color copies from any original up to 8.5 x 14 in. (210 x 356 mm). Fine-tune your color prints with individual color adjustments. Automatically scales originals to fit the media loaded, or you can manually reduce or enlarge your originals from 25% to 400%.

Configurations

The Phaser 600 color printer is available in a base configuration or with factory installed Extended Features.

Phaser 600	Base Configuration	Extended Features
Memory (RAM)	8 MB	40 MB
Print Preview	-	Yes
Reprint	-	Yes
Resident Fonts	17	39
Copystation Support	-	Yes
Supplies Start-up Kit	Standard	Deluxe

See your authorized Tektronix dealer for additional ordering information for accessories, supplies, and extended service plans.

* Pantone Inc.'s check-standard trademark for color reproduction and color reproduction materials.

Argentina: 54 1 300 5430; **Australia:** 02 9888 0100; **België en Luxemburg:** 02 715 89 80; **Brazil:** 55 11 3741 6366 ; **Canada:** 416 747 5000; **Caribbean:** 407 692 9900; **Chile:** 562 235 1190; **China: Beijing:** 8610 235 1230, **Chengdu:** 8628 558 6771, **Guangzhou:** 8620 335 8024, **Shanghai:** 8621 6471 0330; **Czech Republic/Slovakia:** +422 2 431 4495; **Danmark:** 44 850 700; **Deutschland:** 0221 9477 0; **European (other), Africa, and Near East:** +44 1628 403627; **Egypt:** 0261 9291; **Eire:** +353 1 679 8011 or +353 1 451 6311; **España:** 1 372 6012; **France:** 1 69 86 81 81; **Greece:** +30 1 96 45 910; **Hong Kong:** 852 2585 6688; **India:** 91 80 227 5577; **Indonesia:** 62 21 5857413; **Israel:** 3 645 8777; **Italia:** 02 25086 499; **Japan:** 3 3448 3028; **Korea:** 82 2 528 5299; **Kuwait:** +965 2 436 045; **Malaysia:** 603 293 9322 or 603 293 6000; **México:** 5 628 1000 or 8 333 6622 or 5 626 1800; **Nederland:** 023 5695555; **New Zealand:** 9 415 6928; **Norge:** 22 07 07 00; **UAE/Gulf States/North Africa/Lebanon:** 971 2 318 813; **Österreich:** +41 41 711 9192; **Philippines:** 63 2 636 0142; **Poland:** +48 22 685 93 66; **Portugal:** +351 1 47 12 045; **Puerto Rico:** 809 792 5139; **Russia:** +7 095 916 1212 or +7 095 956 6593 **Saudi Arabia:** 01 477 1650; **Schweiz:** 041 711 91 92; **Singapore:** 65 356 4482; **S.Africa:** 11 444 7716; **Suomi:** 90 4783 400; **Sverige:** 08 629 65 01; **Taiwan:** 886 2 765 6362; **Thailand:** 66 2 308 2900; **U.K.:** 01628 403600; **U.S.:** 503 682 7377

TekColor™