EPSON® **SureColor**® **T-Series**

Our Entry into the Engineering Scientific Markets

Product Preview

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The Art of Performance.

SureColor T3000 - 24"

$2,995 MSRP

41.3" W x 32" D x 44.4" H
146 lbs.

SureColor T5000 - 36"

$3,995 MSRP
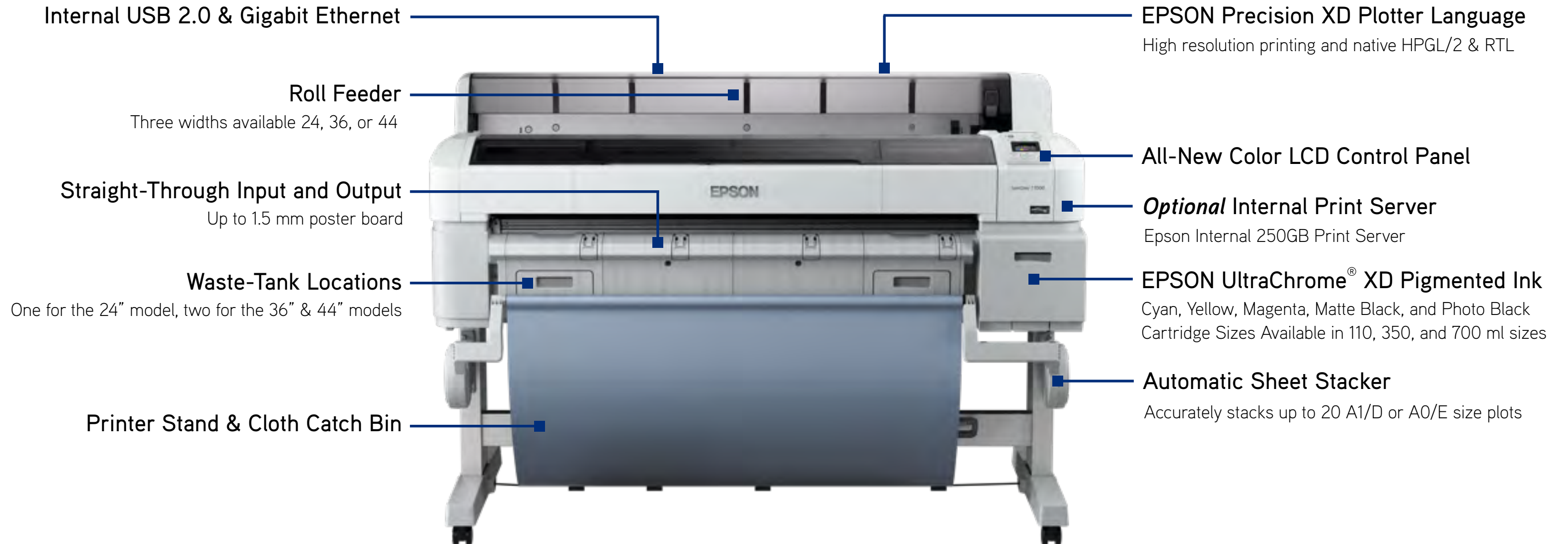
55.5" W x 32" D x 44.4" H
177 lbs.

SureColor T7000 - 44"

$4,995 MSRP

63.3" W x 32" D x 44.4" H
192 lbs.

Internal USB 2.0 & Gigabit Ethernet

EPSON Precision XD Plotter Language
High resolution printing and native HPGL/2 & RTL

Roll Feeder
Three widths available 24, 36, or 44

All-New Color LCD Control Panel

Straight-Through Input and Output
Up to 1.5 mm poster board

Optional Internal Print Server
Epson Internal 250GB Print Server

Waste-Tank Locations
One for the 24" model, two for the 36" & 44" models

EPSON UltraChrome® XD Pigmented Ink
Cyan, Yellow, Magenta, Matte Black, and Photo Black
Cartridge Sizes Available in 110, 350, and 700 ml sizes

Automatic Sheet Stacker
Accurately stacks up to 20 A1/D or A0/E size plots

Printer Stand & Cloth Catch Bin

The Smallest Footprints in their Class

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Error Status Lamp
Easy to notice from across a large space

Full Color LCD Panel
Simple Icon-based interface

Simple Button Layout
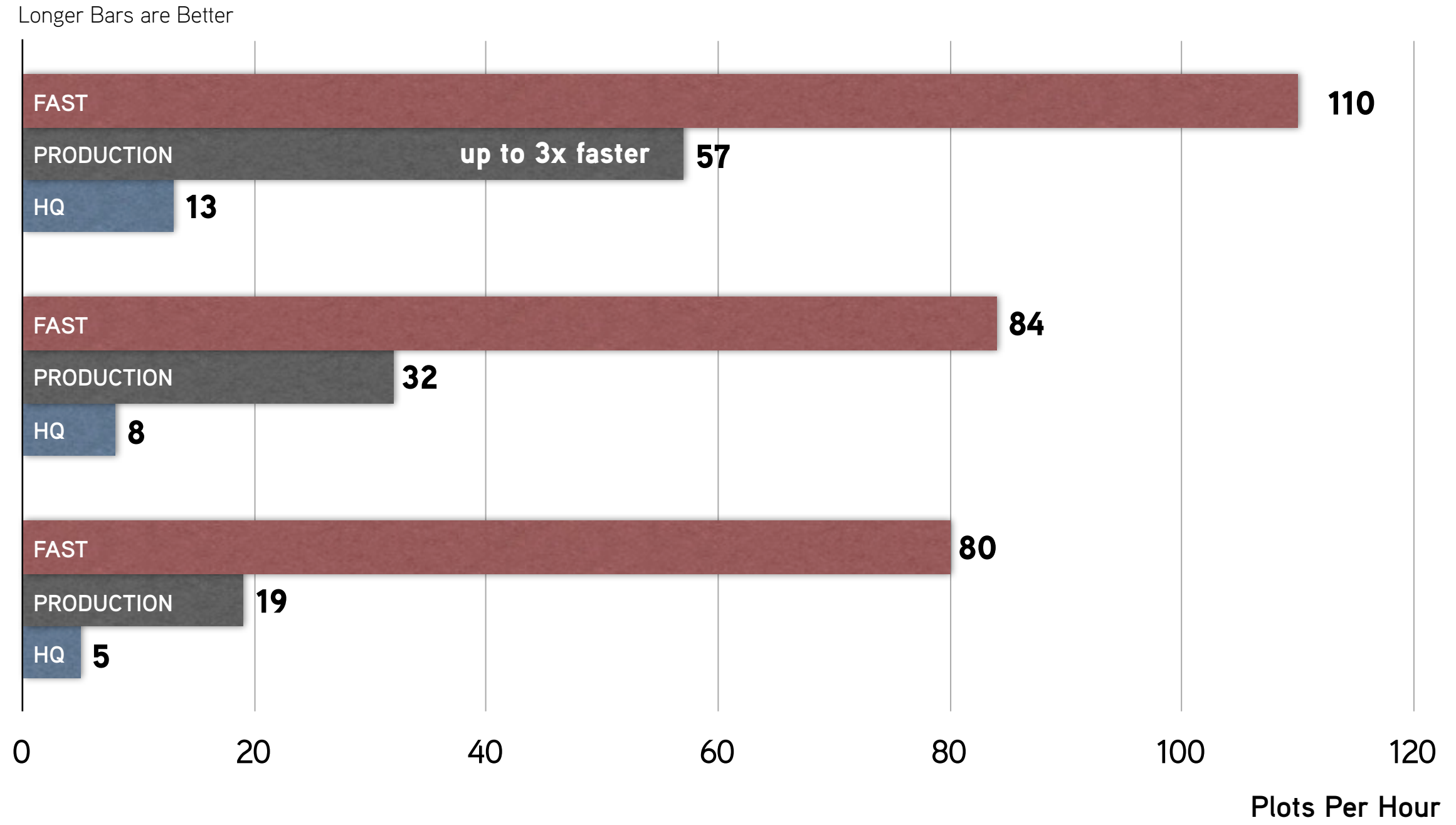The most used actions have their own buttons

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Simple Front-Loading Ink Cartridges

5-Color configuration including Cyan, Yellow, Magenta, Matte Black, and Photo Black
Available in three fill sizes – 110 ml, 350ml, or 700 ml

You can mix-and-match different sizes for each color

EPSON UltraChrome XD

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Longer Bars are Better

SureColor T5000
- FAST — 110
- PRODUCTION — up to 3x faster — 57
- HQ — 13

Canon iPF750
- FAST — 84
- PRODUCTION — 32
- HQ — 8

HP Designjet T790
- FAST — 80
- PRODUCTION — 19
- HQ — 5

X-axis: 0 20 40 60 80 100 120

Plots Per Hour

All plots/hour speeds in this document are extrapolated based on printing and cutting time for a 10-page set of D-sized (34" W x 22" L) drawings. Total throughput time depends on workstation configuration, file size, print resolution, ink coverage, networking, etc.

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precision
output

- **The Fastest Plotting Speeds in its Class**
  - As little as 25 seconds for a A1/D sized plot, and up to 110 A1/D plots per hour[1]

- **Extremely Precise Output**
  - Unique high-performance Epson MicroPiezo® TFP® print head technology
  - Capable of accurately plotting minimum line widths as small as 0.018 mm in thickness!

- **High Print Durability & Archivability**
  - EPSON UltraChrome XD pigment-based ink technology produces brilliant image quality on virtually any media - while being truly archival, and extremely smudge and water-resistant

- **Low Cost-of-Ownership**
  - Large capacity ink cartridges up to 700 ml per color for low printing costs
  - Utilizes significantly less power than other plotters in this class

- **Compatible Now & Ready for the Future**
  - The EPSON Precision XD printer language sets a new standard for technical imaging
  - Advanced driver technology for high-resolution printing

1. Print Speed is based on extrapolated printing and cutting time for a 10-page set of D-sized (34" W x 22" L) drawings (SC-T3000 model is slightly slower)

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t-series
24 | 36 | 44

extreme plot speeds

- **Simple-to-Use & Virtually Maintenance-Free**

  - Front-loading consumables with large ink cartridges up to 700 ml per color

- **Precision Engineered by Epson**

  - Automated high-precision laser welding robots for assembly of main printer mechanism

  - Extremely rigid printer mechanism for precise mechanical operation

- **True Photographic Print Quality**

  - All-new color screening technology designed to produce true continuous-tone photo printing rivaling traditional six-color printers

- **Optional Internal Print Server**

  - Internal 250GB hard drive quickly releases your workstations for unattended plotting

  - Built-in web site for all printer maintenance and plot job management

- **World-Class Service and Support**

  - Usually next-business-day on-site service with telephone support available Monday through Friday - The same service team used by our award-winning proofing systems

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	SURECOLOR T3000	**DESIGNJET T790**	**DESIGNJET 510**
Printer Width	24-Inch	24-Inch	24-Inch
Print Head Configuration	Epson MicroPiezo TFP	HP Thermal Ink Jet	HP Thermal Ink Jet
Color Configuration	CMYK + MK	CMYK + Lk + MK	CMYK
Maximum Print Resolution	2,880 x 1,440 dpi	2,400 x 1,200 dpi	2,400 x 1,200 dpi
Smallest Droplet Size (picoliter)	3.5 pl	6 pl Color / 9 pl Mk & Y	4 pl Color / 18 pl Black
Line Accuracy / Minimum Line Width	±0.1% / 0.018 mm	±0.1% / 0.06 mm	±0.2% / 0.08 mm
Ink Technology	Pigment	Dye Color + Pigment MK	Dye Color + Pigment Black
Maximum Ink Capacity per Color	700 ml	130 ml	69 ml
Maximum A1/D Print Speed - 'Fast'	28 sec/page	43 sec/page	1.3 min/page
Maximum A1/D Print Speed - 'Production'	52 sec/page	2.8 min/page	7 min/page
Maximum A1/D Print Speed - 'Best'	2.7 min/page	9.4 min/page	16 min/page
Printer Language	Epson Precision XD, HP-GL/2	HP PCL 3, HP-GL/2	HP PCL 3, HP-GL/2
Connectivity - Standard	USB 2.0 & Gigabit Ethernet	USB 2.0 & 10/100 Ethernet	USB 2.0 & Parallel
Connectivity - Optional	Not Required	JetDirect Slot	10/100 Ethernet
Ink Cost-per-ML (MSRP / Total ML)	$0.40 All Colors	$0.53 All Colors	$0.63 CMY + $0.60 K
Replacement Print Head MSRP	Not Required	$67.00 x 3 Heads	$41.99 x 4 Heads
Printer MSRP	$2,995	$2,500	$1,850

All prices include the printer stand if optional | All data as of September 2012 | This color is the winning-feature

Print speeds are engine speeds only, based on printing one D-sized page (34" W x 22" L). Total throughput time depends on workstation configuration, file size, print resolution, ink coverage, networking, etc.

Ink cost per ml is a simple estimate derived from cartridge MSRP divided by fill volume. This estimate does not necessarily reflect the actual cost of ink for a particular print, which can vary considerably based on image printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on.

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	SURECOLOR T5000	CANON iPF760	CANON iPF765
Printer Width	36-Inch	36-Inch	36-Inch
Print Head Configuration	Epson MicroPiezo TFP	Canon FINE - PF-04	Canon FINE - PF-04
Color Configuration	CMYK + MK	CMYK + MK	CMYK + MK
Maximum Print Resolution	2,880 x 1,440 dpi	2,400 x 1,200 dpi	2,400 x 1,200 dpi
Smallest Droplet Size (picoliter)	3.5 pl	4 pl	4 pl
Line Accuracy / Minimum Line Width	±0.1% / 0.018 mm	±0.1% / 0.02 mm	±0.1% / 0.02 mm
Ink Technology	Pigment	Dye Color + Pigment MK	Dye Color + Pigment MK
Maximum Ink Capacity per Color	700 ml	130 ml	130 ml
Maximum A1/D Print Speed - 'Fast'	25 sec/page	28 sec/page	28 sec/page
Maximum A1/D Print Speed - 'Production'	48 sec/page	1.5 min/page	1.5 min/page
Maximum A1/D Print Speed - 'Best'	2.5 min/page	3.5 min/page	3.5 min/page
Printer Language	Epson Precision XD, HP-GL/2	GARO, HP-GL/2	GARO, HP-GL/2
Connectivity - Standard	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet
Ink Cost-per-ML (MSRP / Total ML)	$0.40 All Colors	$0.51 All Colors	$0.51 All Colors
Replacement Print Head MSRP	Not Required	$450 x 1 Head	$450 x 1 Head
Printer MSRP	$3,995	$4,495	$4,995

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Competitive Comparison - 44 Inch
Epson vs. Hewlett-Packard

	SURECOLOR T7000	DESIGNJET T790	DESIGNJET T1300
Printer Width	44-Inch	44-Inch	44-Inch Dual Rolls
Print Head Configuration	Epson MicroPiezo TFP	HP Thermal Ink Jet	HP Thermal Ink Jet
Color Configuration	CMYK + MK	CMYK + Lk + MK	CMYK + Lk + MK
Maximum Print Resolution	2,880 x 1,440 dpi	2,400 x 1,200 dpi	2,400 x 1,200 dpi
Smallest Droplet Size (picoliter)	3.5 pl	6 pl Color / 9 pl Mk & Y	6 pl Color / 9 pl Mk & Y
Line Accuracy / Minimum Line Width	±0.1% / 0.018 mm	±0.1% / 0.06 mm	±0.1% / 0.06 mm
Ink Technology	Pigment	Dye Color + Pigment MK	Dye Color + Pigment MK
Maximum Ink Capacity per Color	700 ml	130 ml	130 ml
Maximum A1/D Print Speed - 'Fast'	25 sec/page	39 sec/page	39 sec/page
Maximum A1/D Print Speed - 'Production'	48 sec/page	2.8 min/page	2.8 min/page
Maximum A1/D Print Speed - 'Best'	2.5 min/page	9.4 min/page	9.4 min/page
Printer Language	Epson Precision XD, HP-GL/2	HP PCL 3, HP-GL/2, HP-RTL	HP PCL 3, HP-GL/2, HP-RTL
Connectivity - Standard	USB 2.0 & Gigabit Ethernet	USB 2.0 & 10/100 Ethernet	USB 2.0 & Gigabit Ethernet
Connectivity - Optional	Not Required	JetDirect Slot	JetDirect Slot
Ink Cost-per-ML (MSRP / Total ML)	$0.40 All Colors	$0.53 All Colors	$0.53 All Colors
Replacement Print Head MSRP	Not Required	$67.00 x 3 Heads	$67.00 x 3 Heads
Printer MSRP	$4,995	$4,300	$6,190

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