

EPSON
EXCEED YOUR VISION



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Epson Stylus™ Pro 4450/7450/9450

**Expand Your Business with Faster
Turnaround and Higher Image Quality**

EPSON ULTRACHROME
INK

High Image Quality

UltraChrome™ Ink

Epson UltraChrome Ink is one of the professional inkjet printing industry's most recognisable names. Renowned for its superior colour gamut, lightfastness and water-resistance, this resin-coated pigment ink delivers prints of outstanding durability and quality.

Micro Piezo™ Print Head

Using an advanced Micro Piezo system, as opposed to thermal or “bubble” systems, the Epson Micro Piezo Print Head exerts precision control over ink droplet size, shape and placement. The result of this control is the Epson Stylus™ Pro 450 series printers' ability to deliver sharp, accurately placed spherical ink droplets. The crisp, clean output makes Epson Stylus Pro 450 series printers perfectly suited for presentation graphics, CAD and GIS applications.



Matte Black Ink

Matte Black Ink is designed to optimise black ink density on matte media. When printing with Matte Black Ink you can expect deep rich blacks, guaranteeing maximum print quality on a wide range of matte media such as Epson Enhanced Matte Paper and Plain Bond paper.

Dye Ink	>	ing	Optical Density 1.2
Epson UltraChrome Ink	>	ing	Optical Density 1.4

Image Durability

The combination of Epson Stylus Pro 450 series printers, Epson UltraChrome Ink and Genuine Epson media, delivers benefits within any professional printing environment. The extensive design stages of all three key elements have focused on providing:

- Lightfastness ratings of up to 75 years*
- Excellent print durability
- High black ink density on matte media

*Pertains to information on the specifications page

Optional Items

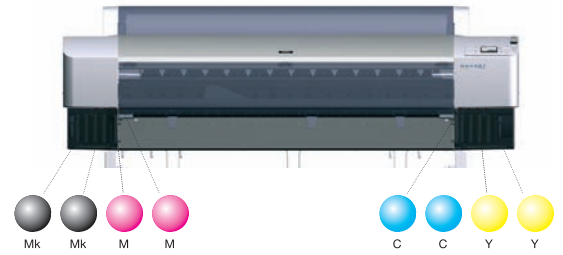
Parts	Item	Code	Compatibility	Parts	Item	Code	Compatibility	
Spindle	2/3 inch Dual Roll Feed Spindle (44")	C12C811151	9450	Others	Roll Paper Belt	C12C890121	4450/7450/9450	
	2/3 inch Dual Roll Feed Spindle (High Tension) (44")	C12C811152	9450		Borderless Print Spacer for 420mm and 8 inch Roll Paper	C12C811201	4450	
	2/3 inch Dual Roll Feed Spindle (24")	C12C811161	7450		Maintenance Tank	C12C890191	4450/7450/9450	
	2/3 inch Dual Roll Feed Spindle (High Tension) (24")	C12C811155	7450		Printer Cabinet	7100321	4450	
	2/3 inch Dual Roll Feed Spindle (17")	C12C811171	4450		Utility Software	Epson PageProofer for Windows®	310026	4450/7450/9450
	2/3 inch Dual Roll Feed Spindle (High Tension) (17")	C12C811191	4450					
Auto Take Up Reel	Take Up Reel Core	C12C815121	9450					
	Auto Take Up Reel Unit	C12C815251	9450					
Cutter Unit	Manual Cutter Unit	C12C815182	9450					
	Manual Cutter Unit	C12C815231	7450					
Cutter Spare Blade	Manual Cutter Spare Blade	C12C815192	7450/9450					
	Auto Cutter Spare Blade	C12C815291	4450/7450/9450					

High Productivity

Dual Four-Colour Ink Configuration

The Epson Stylus™ Pro 7450 and 9450's support for dual four-colour ink configuration is of particular value, in print environments where unattended printing and large print jobs are important.

With two separate four-cartridge bays, the printer is configured with two of each of the colour inks. By using this configuration, each pass is doubled per colour increasing overall print speed.



High Print Speed

As a result of optimising the Epson Stylus™ Pro 450 series printers for high performance four-colour printing through improvements to the hardware, software and firmware responsible for processing print image data, Epson has ensured the printers are more than 30% faster than earlier models.

	Print Size: A2		Print Size: A1		Print Size: A0	
	Pro 4400	Pro 4450*	Pro 7400	Pro 7450*	Pro 9400	Pro 9450*
Print Mode						
720 x 720 dpi	3.8'	2.8'	6.8'	4.5'	11.9'	8.0'
1440 X 720 dpi	5.4'	4.3'	9.8'	7.2'	17.3'	12.6'

* New Production mode | Using Enhanced Matte Paper

Permanent Print Head

A major advantage of the Epson Stylus Pro 450 series printers is a permanent print head, which, aside from improving overall performance, minimises the amount of time and effort required for maintenance. By avoiding the unnecessary cost of frequently replacing print heads, the Epson permanent print head system reduces the printer's overall cost of ownership, while contributing greatly to unattended high productivity.

High Capacity Ink Cartridges

Featuring the ability to take ink cartridges with 220ml capacity, the Epson Stylus Pro 450 series printers have been designed at every level to improve productivity and economy. Adding further to this is the use of Epson Intellidrive (intelligent cartridge) Technology, which monitors key production information such as ink usage and replacement.

Powerful Media Versatility

Thick Media Support Up To 1.5mm

Adding significantly to the versatility of the Epson Stylus Pro 450 series printers is their ability to handle media up to 1.5mm in thickness. With this ability, the printers can generate high quality output ready for immediate framing, eliminating the need for mounting and ideal for rapid production of storyboards, presentation graphics and point-of-sale material.

Roll and Cut-Sheet Support

Featuring multiple paper paths, the Epson Stylus Pro 450 series printers provide full support for both roll and cut-sheet paper. These printers feature an in-built media cutter and, with the Epson Stylus Pro 9450, an optional automatic take-up reel.

2/3-inch Dual Roll Paper Spindle

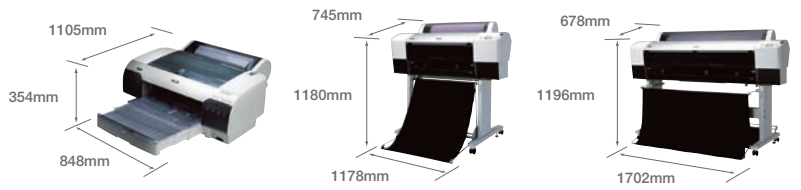
With a 2/3-inch dual roll paper spindle, the Epson Stylus Pro 450 series printers can be quickly and easily configured to accommodate both 2- and 3-inch core media.

Ink Cartridges

4-Colour Model	Epson Stylus™ Pro 4450		Epson Stylus™ Pro 7450/9450	
	110ml	220ml	110ml	220ml
Matte Black	C13T613800	C13T614800	C13T611800	C13T612800
Cyan	C13T613200	C13T614200	C13T611200	C13T612200
Magenta	C13T613300	C13T614300	C13T611300	C13T612300
Yellow	C13T613400	C13T614400	C13T611400	C13T612400



Specifications



EPSON STYLUS™ PRO 4450	Product code: Pro4450
SIZE	17 inch wide (A2+)
INK MODE	4 colour
RESOLUTION	1440dpi x 720dpi Epson Variable-sized Droplet Technology
INK SYSTEM	4-Colours pigment ink (C, M, Y, Matte K) with CSIC with 4 slots) Individual high capacity ink cartridge Ink Capacity 110ml or 220ml (Same ink as Pro 4000/7600/9600)
PRINTER SPEED	A2 size, Colour 360dpi x 360dpi : Approx. 0.8 minutes (Plain Paper : Draft Mode) 360dpi x 360dpi : Approx. 1.3 minutes (Plain Paper : Fast Mode) 720dpi x 360dpi : Approx. 2.3 minutes (Plain Paper : Quality Mode) 720dpi x 720dpi : Approx. 2.8 minutes (Coated Media : Production) 720dpi x 720dpi : Approx. 3.8 minutes (Coated Media : Quality Mode) 1440dpi x 720dpi : Approx. 4.3 minutes (Production Mode)
PRINTER DRIVER	Windows® 2000 / XP, XP x64, Vista, Vista x64, Mac® OS X 10.2.8 or later
HEAD CONFIGURATION	180 nozzles x 8 with VSDT
MEDIA DIMENSIONS	
ROLL MEDIA	Single roll: 1 roll < 150mm / Outside diameter Media width: 203.2mm - 431.8mm (8" - 17") Minimum media length: 279mm Media thickness: 0.08mm - 0.50mm
CUT SHEET	High capacity paper tray with automatic sheet feed (up to 250 pcs of Plain Paper) Manual insertion feeder for media up to 1.5mm Media width: Size: A4 / LTR - A2 / C, (210mm - 431.8mm) Media length: 279mm - 610mm Media thickness: 0.08mm - 1.50mm
PAPER OUTPUT CAPABILITY	Single roll system, Auto media cutter
PRINTING AREA (WIDTH)	Max. 432mm [(Borderless Printing width: 8"(*1), 10", 12", 14", 16", 17", 210mm, 257mm, 297mm, 300mm, 329mm, 400mm, 420mm (*1)) *1: 8" and 420mm requires spacer]
PRINT MARGINS	
ROLL MEDIA	4 modes available; mode 1: 3mm on all edges (top, sides, bottom) mode 2: 15mm (top and bottom), 3mm (sides) mode 3: 15mm (top, sides, bottom) mode 4: 25mm (top and bottom) 3mm (side)
SHEET MEDIA	2 modes available; mode 1: 3mm (top, sides, bottom) mode 2: 3mm (top and sides) 14mm (bottom)
TOTAL PRINT VOLUME	20,000 A2 sheets
CONSUMABLE PARTS	Cutter blade, maintenance tank
MAINTENANCE PARTS	Pump unit, flushing box, head cleaner, cap assembly
RELIABILITY	
CUTTER BLADE	Coat paper, approx. 2,000 cuts
FILM	Approx. 1,000 cuts
CARRIAGE MOTOR	Approx. 20,000 A2 sheets
ROLL DIMENSIONS	Core diameter 2" or 3", Max. Outside Diameter Ø 150mm
MEMORY	64MB
LANGUAGES	ESC / P2 Raster
INTERFACES (STANDARD)	
	USB2.0 (Compatible with 1.1) Epson 10/100 Base Ethernet
VOLTAGE / CURRENT / FREQUENCY	100 - 120V version, 220 - 240V version
POWER CONSUMPTION	PRINTING: 59W or less STANDBY: 5W or less POWER OFF: 1W or less
DIMENSIONS	
	848mm(W) x 765mm(D) x 354mm(H) (Paper Tray Storage Min. Size) 848mm(W) x 1105mm(D) x 354mm(H) (Paper Tray Expand Max. Size) Approx. 39.4kg (excluding Ink and Media)
WEIGHT	
UTILITY SOFTWARE	
STANDARD	Epson LFP Remote Panel, HDI driver
OPTIONAL	Epson PageProofer
EPSON STYLUS PRO 7450	Product code: Pro7450
SIZE	24 inch wide (A1+)
INK MODE	4 colour
RESOLUTION	1440dpi x 720dpi Epson Variable Sized Droplet Technology
INK SYSTEM	4-Colours pigment ink (C, M, Y, Matte K x 2) with CSIC with 8 slots) Individual high capacity ink cartridge Ink Capacity 110ml or 220ml
PRINTER SPEED	A1 size, Colour 360dpi x 360dpi : Approx. 1.8 minutes (Plain Paper : Draft Mode) 360dpi x 360dpi : Approx. 2.2 minutes (Plain Paper : Fast Mode) 720dpi x 360dpi : Approx. 4.2 minutes (Matte Media : Quality Mode) 720dpi x 720dpi : Approx. 4.5 minutes (Matte Media : Production Mode) 720dpi x 720dpi : Approx. 6.8 minutes (Matte Media : Quality Mode) 1440dpi x 720dpi : Approx. 7.2 minutes (Matte Media Production Mode)
PRINTER DRIVER	Windows® 2000 / XP, XP x64, Vista, Vista x64, Mac® OS X 10.2.8 or later
HEAD CONFIGURATION	180 nozzles x 8 with VSDT
MEDIA DIMENSIONS	
ROLL MEDIA	Single roll: 1 roll < 150mm / Outside diameter Media width: 203.2mm - 610mm (8" - 17") Minimum media length: 279mm Media thickness: 0.08mm - 0.50mm
CUT SHEET	Manual insertion feeder for media up to 1.5mm Media width: Size: A4 / LTR - A1+ / 24", (210mm - 610mm) Media thickness: 0.08mm - 1.50mm
PAPER OUTPUT CAPABILITY	Output bin, Single roll system, Auto media cutter

PRINTING AREA (WIDTH)	Max. 610mm (Borderless Printing width: 10", 13", 14", 16", 17", 515mm, 594mm, 609.6mm)
PRINT MARGINS	
ROLL MEDIA	3 modes available; mode 1: 3mm on all edges (top, sides, bottom) mode 2: 15mm (top and bottom), 3mm (sides) mode 3: 15mm (top, sides, bottom)
SHEET MEDIA	2 modes available; mode 1: 3mm (top, sides, bottom) mode 2: 3mm (top and sides) 14mm (bottom)
TOTAL PRINT VOLUME	20,000 A1+ sheets
CONSUMABLE PARTS	Cutter blade, maintenance tank
MAINTENANCE PARTS	Pump unit, flushing box, head cleaner, cap assembly
RELIABILITY	
CUTTER BLADE	Coat paper, approx. 2,000 cuts
FILM	Approx. 1,000 cuts
CARRIAGE MOTOR	Approx. 20,000 A1+ sheets
ROLL DIMENSIONS	Core diameter 2" or 3", Max. Outside Diameter Ø 150mm
MEMORY	128MB
LANGUAGES	ESC / P2 Raster
INTERFACES (STANDARD)	
	USB2.0 (Compatible with 1.1) Epson 10/100 Base Ethernet
VOLTAGE / CURRENT / FREQUENCY	100 - 120V version, 220 - 240V version
POWER CONSUMPTION	PRINTING: 55W or less STANDBY: 6W or less POWER OFF: 1W or less
DIMENSIONS	
	1178mm(W) x 501mm(D) x 560mm(H) 1178mm(W) x 745mm(D) x 1180mm(H) (with optional stand) Approx. 48.9kg (excluding Ink and Media) / Stand approx. 10.5kg
WEIGHT	
UTILITY SOFTWARE	
STANDARD	Epson LFP Remote Panel, HDI driver
OPTIONAL	Epson PageProofer
EPSON STYLUS PRO 9450	Product code: Pro9450
SIZE	44 inch wide (B0+)
INK MODE	4 colour
RESOLUTION	1440dpi x 720dpi Epson Variable Sized Droplet Technology
INK SYSTEM	4-Colours pigment ink (C, M, Y, Matte K x 2) with CSIC with 8 slots) Individual high capacity ink cartridge Ink Capacity 110ml or 220ml
PRINTER SPEED	B0+ size, Colour 360dpi x 360dpi : Approx. 4.3 minutes (Plain Paper : Draft Mode) 360dpi x 360dpi : Approx. 5.1 minutes (Plain Paper : Fast Mode) 720dpi x 360dpi : Approx. 11.1 minutes (Plain Paper : Quality Mode) 360dpi x 720dpi : Approx. 14.7 minutes (Coated Media : Fast Mode) 720dpi x 720dpi : Approx. 12.2 minutes (Matte Media : Production Mode) 1440dpi x 720dpi : Approx. 20.6 minutes (Matte Media : Production Mode)
PRINTER DRIVER	Windows® 2000 / XP, XP x64, Vista, Vista x64, Mac® OS X 10.2.8 or later
HEAD CONFIGURATION	180 nozzles x 8 with VSDT
MEDIA DIMENSIONS	
ROLL MEDIA	Single roll: 1 roll < 150mm / Outside diameter Media width: 203.2mm - 1118mm (8" - 44") Minimum media length: 279mm Media thickness: 0.08mm - 0.50mm
CUT SHEET	Manual insertion feeder for media up to 1.5mm Media width: Size: A4 / LTR - A0+ / 44", (210mm - 1118mm) Media thickness: 0.08mm - 1.50mm
PAPER OUTPUT CAPABILITY	Output bin, Single roll system, Auto media cutter
PRINTING AREA (WIDTH)	Max. 1118mm (Borderless Printing width: 10", 13", 14", 16", 17", 515mm, 594mm, 609.6mm, 728mm, 914.4mm, 117.6mm)
PRINT MARGINS	
ROLL MEDIA	3 modes available; mode 1: 3mm on all edges (top, sides, bottom) mode 2: 15mm (top and bottom), 3mm (sides) mode 3: 15mm (top, sides, bottom)
SHEET MEDIA	2 modes available; mode 1: 3mm (top, sides, bottom) mode 2: 3mm (top and sides) 14mm (bottom)
TOTAL PRINT VOLUME	20,000 B0+ sheets
CONSUMABLE PARTS	Cutter blade, maintenance tank
MAINTENANCE PARTS	Pump unit, flushing box, head cleaner, cap assembly
RELIABILITY	
CUTTER BLADE	Coat paper, approx. 2,000 cuts
FILM	Approx. 1,000 cuts
CARRIAGE MOTOR	Approx. 20,000 B0+ sheets
ROLL DIMENSIONS	Core diameter 2" or 3", Max. Outside Diameter Ø 150mm
MEMORY	64MB
LANGUAGES	ESC / P2 Raster
INTERFACES (STANDARD)	
	USB2.0 (Compatible with 1.1) Epson 10/100 Base Ethernet
VOLTAGE / CURRENT / FREQUENCY	100 - 120V version, 220 - 240V version
POWER CONSUMPTION	PRINTING: 50W or less STANDBY: 6W or less POWER OFF: 1W or less
DIMENSIONS	
	1702mm(W) x 678mm(D) x 1196mm(H) (stand included) Approx. 90kg (excluding Ink and Media)
WEIGHT	
UTILITY SOFTWARE	
STANDARD	Epson LFP Remote Panel, HDI driver
OPTIONAL	Epson PageProofer

EPSON ULTRACHROME INK



FOR HIGHEST QUALITY DEMAND EPSON INKS+PAPERS

* LIGHTFASTNESS TEST CRITERIA (INDOOR DISPLAY CONDITION)

Test Conditions
1. Under fluorescent light (Indoor Display Condition) with glass mount
2. The data is calculated by Epson's accelerated test and it does not mean Epson guarantees periods.
3. The estimated longevity does not indicate the colour changing and the durability of the paper itself.

Light Source: Fluorescent Light
Intensity: 70,000 lux
Temperature: 24°C
Humidity: 60%RH
Glass mount: 2mm, soda lime
Fade criteria:
Pure YMC: 30% loss at OD = 1
Display-life calculation: Total illuminance* (500lux x 10hours x 365days = 1year)