



Labelling Solutions Made Convenient.

Redefine productivity with Epson's ColorWorks C6000 series colour label printers. Integrated with auto-cutter¹ or auto-peeler² capabilities, the hassles of manual cutting and removing of label backing papers are eliminated. The auto-cutting¹ function not only enables individualised print job cuts but also offers the flexibility of customising the set amount of pieces required. The auto-peeler² feature is ideal for on-demand print-and-apply colour label printing installations. Beyond efficient functionalities, these ColorWorks printers deliver quality prints with crisp images that are sure to impress any audience.



- 
Auto-cutter¹
- 
Auto-peeler²
- 
High capacity inks
- 
Print speed



IT'S IN THE DETAILS.

With PrecisionCore printhead technology, Epson ColorWorks C6050A/P and C6550A/P excels with speed and quality.

Optimise Productivity

Auto-cutter¹ and peeler² deliver fast colour label printing to improve efficiency in the production line.

Seamless Connectivity

High technology compatibility allows for seamless integration into existing host systems across multiple platforms.

Astounding Print Quality

Variable droplet size of up to 1200 dpi resolution ensures incredibly crisp images.

¹ Applicable for C6050A and C6550A only.
² Applicable for C6050P and C6550P only.

When it comes to on-demand colour label printing solutions, enjoy greater productivity without compromising on print quality. The ColorWorks label printers possess functionalities that offer unyielding efficiency and convenience to printing performance that delivers extraordinary output.



Enhanced Production Capability

Epson's C6050A and C6550A ColorWorks printers come with a built-in auto-cutter that supports individual piece-by-piece cuts, or programmed set pieces of cuts by batch. This includes cutting that is based on the pre-fixed number of prints or cutting at the end of a print batch.

The C6050P and C6550P's peel-and-present model improves efficiency and convenience by eliminating the need for manual peeling. When integrated with a print-and-apply system through the use of label applicators, a more seamless workflow experience is enabled, enhancing productivity in the production line.

Crisp Images

A higher dpi translates to a clearer, more detailed output. With a print resolution of up to 1200 dpi, variable droplet size and Spot Colour Matching* that assures greater colour accuracy, the C6050A/P and C6550A/P ColorWorks label printers series produce incredible print images.



Industrial label



Food and beverage label



Medication label

* Spot colour matching is subjected to the printer's ink spectrum capability.

High Connectivity

Compatible with a wide range of technologies including multi-platform operating systems such as Windows, Mac and Linux along with application software including SAP and legacy systems using ZPL II commands, the set-up process becomes effortless and can be integrated into nearly any workflow seamlessly.



World's First Peeler-equipped Inkjet Label Printer*

Making it possible to apply labels immediately after printing, the C6050P and C6550P can be used in any desktop printing operations. When integrated with a label applicator in the production floor, it offers a unique print-and-apply system that can be used both online and offline.



Easy Use and Maintenance

Intuitive designs including easy-load spindle, flexible paper cover and frontal ink cartridge loading allows for quick changes between label sizes, easy access when loading paper and effortless replacement of ink cartridges. Equipped with a 2.7" colour LCD, printer status can be checked and configured when required. Enjoy seamless installation in a variety of environments with the ColorWorks' space-saving design.



Durable, Exceptional Quality Inks

The ColorWorks C6000 series incorporates UltraChrome DL pigment inks that comply with BS 5609 certification for GHS compliant labelling. These inks possess high pigment density, resin coating for more stability, and an even surface and gloss, making it perfect for professional display and sales.



Epson pigment ink

Epson pigment ink is not water soluble and firmly binds to media fibers, resisting water and other moisture.



Dye-based ink

Conventional dye-based ink is water soluble so printouts can be negatively affected by water and other moisture.



PRECISIONCORE

PrecisionCore TFP Printhead

With its stunning ability to scale while delivering unbeatable speed and precision, the printhead's perfectly round nozzles dispense precise ink droplets, which guarantee consistent superior image quality.

* Based on a survey conducted by Epson as of September 22, 2019.

SPECIFICATIONS

C6050A/C6050P/C6550A/C6550P

MODEL NUMBER	C6050A	C6050P	C6550A	C6550P
Print Technology Technology Colour	Serial Inkjet PrecisionCore TFP® with Nozzle Verification Technology Four-colour printing, individual ink cartridge (UltraChrome™ DL pigment ink: C, M, Y, K)			
Ink Cartridge Colour Model	Black, cyan, magenta, yellow SJC40P-BK/SJC40P-C/SJC40P-M/SJC40P-Y			
Print Resolution	1200dpi x 1200dpi (Max.)			
Print Width	Max. 108mm		Max. 211.9mm	
Print Speed Print speed ¹ (for Matte paper label, Synthetic label)	Max speed (300x600dpi): 119mm/s, Speed (600x600dpi): 75mm/s, Normal (600x600dpi): 48mm/s, Quality (600x1200dpi): 18mm/s *When printing 101.6mm width		Max speed (300x600dpi): 85mm/s, Speed (600x600dpi): 49mm/s, Normal (600x600dpi): 34mm/s, Quality (600x1200dpi): 13mm/s *When printing 203.2mm width	
Print speed ² (for Glossy paper label, Glossy film label, High glossy paper label)	Normal (600x600dpi): 48mm/s, Quality (600x1200dpi): 18mm/s, Max quality (1200x1200dpi): 8mm/s *When printing 101.6mm width		Normal (600x600dpi): 34mm/s, Quality (600x1200dpi): 13mm/s, Max quality (1200x1200dpi): 6mm/s *When printing 203.2mm width	
Interface	USB2.0, Ethernet 1000Base-T / 100Base-TX / 10Base-T			
Extended interface	Dsub-25 pin			
Option	Paper Holder C6000 (for C6050 Series)		Paper Holder C6500 (for C6550 Series)	
Print Font Barcode Font (Printer Driver Built-In) Barcodes	UPC-A, UPC-E, JAN13(EAN), JAN8(EAN), Code39, ITF, Codabar, Code93, Code128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded			
2-Dimensional Symbols	PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, DataMatrix, Aztec Code, MicroPDF417, Micro QR Code			
Media Source Media Type	Roll media, Fanfold media Matte paper label, Synthetic label, Glossy paper label, Glossy film label, High glossy paper label			
Media Form Roll media Fanfold media	Continuous label (BM or w/o BM), Die-cut label (Gap or BM) Die-cut label (BM)			
Media Specifications Backing paper width Label width Media thickness	25.4mm - 112mm 21.4mm - 108mm		25.4mm - 215.9mm 21.4mm - 211.9mm	
Black mark size Die-cut label gap Roll diameter Roll paper core inner diameter Number of folds Winding direction	Matte paper label: 0.178mm, Synthetic label: 0.235mm, Glossy paper label: 0.174mm, Glossy film label: 0.164mm, High glossy paper label: 0.188mm Width: 18.4mm or over, Length: 4mm-25.4mm 2mm - 6mm (If the gap is 3 mm or less, need to adjust the detector) Max. 203.2mm Max. 152.4mm 76.2 mm ±0.5 mm 750 or less Face Out			
Autocutter Life Die-cut label	Matte paper, Glossy paper, Glossy film, High glossy paper: 1,500,000 cuts Synthetic: 500,000 cuts		Matte paper, Glossy paper, Glossy film, High glossy paper: 1,500,000 cuts Synthetic: 500,000 cuts	
Continuous label	Glossy paper: 300,000 cuts Matte paper, High glossy paper: 200,000 cuts Synthetic, Glossy film: 100,000 cuts		Glossy paper: 300,000 cuts Matte paper, High glossy paper: 200,000 cuts Synthetic, Glossy film: 100,000 cuts	
Temperature/ Humidity Printing Barcode printing Storage	5-35 degrees Celsius, 20-80% RH 15-35 degrees Celsius, 20-80% RH When packed (ink not charged): -20 to 60°C, 5 to 85% RH without condensation			
Overall Dimensions	340 width x 565 depth (Not including protrusion) x 326 height [mm]		444 width x 515 depth (Not including protrusion) x 326 height [mm]	
Weight	Approx. 22.5 kg	Approx. 22.8 kg	Approx. 25.5 kg	Approx. 26.3 kg
Power Supply	Built-in power supply			
Power Consumption Operating Stand-by Power off state	100V: Average Approximately 39.4W 230V: Average Approximately 38.6W 100V: Average Approximately 7.51W, 230V: Average Approximately 5.82W 100V: Average Approximately 0.08W, 230V: Average Approximately 0.24W		100V: Average Approximately 39.5W 230V: Average Approximately 38.7W	
Rated Voltage	100-240VAC			
Rated Frequency	50-60Hz			
EMC Standards	Europe: CE Marking, North America: FCC Class A, CAN ICES-3 (A)/NMB-3 (A), Oceania: Radiocommunications (Electromagnetic Compatibility) Standard, Class A			
Operating systems	Windows 10, 8.1, 8, 7 SP1, Vista SP2, XP SP3 or later, Server 2019, 2016, 2012 R2, 2012, 2008 R2, 2008, 2003 R2 (32-bit), Mac OS X 10.6.8, Mac OS X 10.7.x, Mac OS X 10.8.x, Mac OS X 10.9.x, Mac OS X 10.10.x, Mac OS X 10.11.x, Mac OS X 10.12.x, Mac OS X 10.13.x, Mac OS X 10.14.x			

¹ Matte paper label, Synthetic label
² Glossy paper label, Glossy film label, High glossy paper label

Dimensions & Weight

Weight: C6050A: 22.5 kg
C6050P: 22.8 kg



Weight: C6550A: 25.5 kg
C6550P: 26.3 kg



Main Unit

- C31CH76106**
CW-C6050A: COLOR INKJET PRINTER (CUTTER)
- C31CH76206**
CW-C6050P: COLOR INKJET PRINTER (PEELER)
- C31CH77106**
CW-C6550A: COLOR INKJET PRINTER (CUTTER)
- C31CH77206**
CW-C6550P: COLOR INKJET PRINTER (PEELER)

Option

- C32C881301**
Paper Holder C6000 (for C6050 Series)
- C32C881101**
Paper Holder C6500 (for C6550 Series)

Consumable

- C13T44G100**
SJC40P-K: INK CART. FOR CW-C6050/C6550
- C13T44G200**
SJC40P-C: INK CART. FOR CW-C6050/C6550
- C13T44G300**
SJC40P-M: INK CART. FOR CW-C6050/C6550
- C13T44G400**
SJC40P-Y: INK CART. FOR CW-C6050/C6550
- C13T44G501**
SJMB6000: MAINT. BOX FOR CW-C6050/C6550

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Lim Kim Hai Electric Co (S) Pte Ltd
Lim Kim Hai Building,
53 Kallang Place, Singapore 339177
T (+65) 6292 3711 • (+65) 6490 5000
F (+65) 6297 0078
E customerservice@limkimhai.com.sg
W www.limkimhai.com.sg

EpsonSEA
 @EpsonSEA
 @EpsonSEA
 EpsonSoutheastAsia
 Epson Southeast Asia

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