EPSON COLORWORKS LABEL PRINTERS
COLORWORKS C6050A/C6050P/C6550A/C6550P

EPSON
EXCEED YOUR VISION

AUTO-PEELER [2]

QUALITY PRINTS

MAXIMISE EFFICIENCY, MINIMISE EFFORT, ACHIEVE PRODUCTIVITY.

Labelling Solutions Made Convenient.

Redefine productivity with Epson's ColorWorks C6000 series colour label printers. Integrated with auto-cutter[1] or auto-peeler[2] capabilities, the hassles of manual cutting and removing of label backing papers are eliminated. The auto-cutting[1] function not only enables individualised print job cuts but also offers the flexibility of customising the set amount of pieces required. The auto-peeler 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-cutter[1] Auto-peeler[2] High Capacity Inks Print Speed

IT'S IN THE DETAILS.

PRECISIONCORE PRINTHEAD

Optimise Productivity
Auto-cutter[1] and peeler[2] 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.

Connectivity

Usability

Multi-platform

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 unique print-and-apply system that can be used both online and offline.
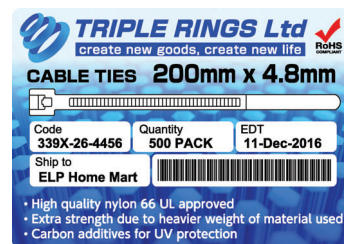
Easy Use and Maintenance

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 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.

PRECISIONCORE
PRINTHEAD

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

SPECIFICATIONS

Product Name	C6050A	C6050P	C6550A	C6550P
Printing				
Print Method	Serial Inkjet PrecisionCore TFP* with Nozzle Verification Technology			
Colour	Four-colour printing, individual ink cartridge [UltraChrome™ DL pigment ink: C, M, Y, K (or MK)]			
Ink Cartridge				
Colour	Black (or Matte Black), Cyan, Magenta, Yellow			
Model	SJIC40P-BK / SJIC40P-MK / SJIC40P-C / SJIC40P-M / SJIC40P-Y			
Print Resolution	1200 x 1200 dpi (Max.)			
Print Width	Max. 108mm		Max. 211.9mm	
Print Speed				
Print Speed *¹ (for Matte paper label, Synthetic label)	Max speed (300 x 600 dpi): 119mm/s, Speed (600 x 600 dpi): 75mm/s, Normal (600 x 600 dpi): 48mm/s, Quality (600 x 1200 dpi): 18mm/s *When printing 101.6mm width		Max speed (300 x 600 dpi): 85mm/s, Speed (600 x 600 dpi): 49mm/s, Normal (600 x 600 dpi): 34mm/s, Quality (600 x 1200 dpi): 13mm/s *When printing 203.2mm width	
Print Speed *² (for Glossy paper label, Glossy film label, High glossy paper label)	Normal (600 x 600 dpi): 48mm/s, Quality (600 x 1200 dpi): 18mm/s, Max quality (1200 x 1200 dpi): 8mm/s *When printing 101.6mm width		Normal (600 x 600dpi): 34mm/s, Quality (600 x 1200dpi): 13mm/s, Max quality (1200 x 1200dpi): 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	Built-in font available			
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	Roll media, Fanfold media			
Media Type	Matte paper label, Synthetic label, Glossy paper label, Glossy film label, High glossy paper label			
Media Form				
Roll Media	Continuous Label (BM or w/o BM), Die-cut Label (Gap or BM)			
Fanfold Media	Die-cut Label (BM)			
Media Specifications				
Backing Paper Width	25.4 - 112 mm		25.4 - 215.9 mm	
Label Width	21.4 - 108 mm		21.4 - 211.9 mm	
Media Thickness	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			
Black Mark Size	Width: 18.4 mm or over, Length: 4 - 25.4 mm			
Die-cut Label Gap	2 - 6 mm (If the gap is 3 mm or less, need to adjust the detector)			
Roll Diameter	Max. 203.2mm		Max. 152.4mm	
Roll Paper Core Inner Diameter	76.2 mm ±0.5 mm			
Number of Folds	750 or less			
Winding Direction	Face Out			
Autocutter Life				
Die-cut Label	Matte paper, Glossy paper, Glossy film, High glossy paper: 1,500,000 cuts Synthetic: 500,000 cuts	N.A.	Matte paper, Glossy paper, Glossy film, High glossy paper: 1,500,000 cuts Synthetic: 500,000 cuts	N.A.
Continuous Label	Glossy paper: 300,000 cuts Matte paper, High glossy paper: 200,000 cuts Synthetic, Glossy film: 100,000 cuts	N.A.	Glossy paper: 300,000 cuts Matte paper, High glossy paper: 200,000 cuts Synthetic, Glossy film: 100,000 cuts	N.A.
Temperature/ Humidity				
Printing	5 - 35 ºC, 20-80% RH			
Barcode Printing	15 - 35 ºC, 20-80% RH			
Storage	When packed (ink not charged): -20 to 60°C, 5 to 85% RH without condensation			
Overall Dimensions				
W x D x H (Not including protrusion)	340 x 565 x 326 mm		444 x 515 x 326 mm	
Weight	Approx. 22.5kg	Approx. 22.8kg	Approx. 25.5kg	Approx. 26.3kg
Power Supply	Built-in power supply			
Power Consumption				
Operating	100V: Average Approximately 39.4W 230V: Average Approximately 38.6W		100V: Average Approximately 39.5W 230V: Average Approximately 38.7W	
Stand-by	100V: Average Approximately 7.51W, 230V: Average Approximately 5.82W			
Power Off State	100V: Average Approximately 0.08W, 230V: Average Approximately 0.24W			
Rated Voltage	100 - 240 VAC			
Rated Frequency	50 - 60 Hz			
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			

Dimensions & Weight

C6050A / C6050P
Weight: **C6050A:** 22.5 kg
C6050P: 22.8 kg

326mm (12.8")
565mm (22.2")
340mm (13.3")

C6550A / C6550P
Weight: **C6550A:** 25.5 kg
C6550P: 26.3 kg

326mm (12.8")
515mm (20.2")
444mm (17.4")

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

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
SJIC40P-K:INK CART. FOR CW-C6050/C6550
C13T44G500
SJIC40P-MK:INK CART. FOR CW-C6050/C6550
C13T44G200
SJIC40P-C:INK CART. FOR CW-C6050/C6550
C13T44G300
SJIC40P-M:INK CART. FOR CW-C6050/C6550
C13T44G400
SJIC40P-Y:INK CART. FOR CW-C6050/C6550
C33S021501
SJMB6000:MAINT. BOX FOR CW-C6050/C6550

Information correct as at September 2021