# COLOUR LASER
## ACULASER C500DN

**EPSON**
EXCEED YOUR VISION



# HIGH VOLUME COLOUR PRINTING WITH GREATER CONVENIENCE.

Model shown includes optional paper cassettes and stacker unit

Epson AcuLaser C500DN delivers high volume, high quality colour print runs with high efficiency and reliability. Perfect for large business settings, printouts are stapled and collated easily with its convenient features while energy and toner saving modes bring greater cost savings.

| Print Speed | iPrint | Duplex Printing | Ethernet | 120,000 pages per month | Large Paper Input Capacity* | Cost Effective |

## IT'S IN THE DETAILS.

### High Performance and Efficiency
Fast print speed of 45/45ppm (Bk/Cl), quick first print time of less than 7/8.5 secs (Bk/Cl) and high maximum duty cycle of 120,000 pages per month.

### Substantial Cost Savings
High capacity toner cartridges deliver lower cost per page while double-sided printing reduces paper usage. Energy and toner saving modes reduce running costs.

### Flexible and Convenient Features
Optional stacker unit for finishing possibilities and uninterrupted print runs of up to 1,000 sheets. Print Job Interruption and Print Job Arranger add to printing convenience.

*With optional paper cassettes.

AcuLaser C500DN is designed to meet the needs of your growing business. From amazingly low running costs and blazing fast print speed to the option of adding features that support high volume printing, you can be sure of optimised productivity.

Model shown includes optional paper cassettes and stacker unit

## High Performance and Efficiency

With an incredible print speed of 45/45 ppm (Bk/Cl) and a quick first print time of less than 7/8.5 secs (Bk/Cl), you can expect C500DN to deliver printed documents promptly for all your business needs. It also supports the demands of high volume printing with a maximum monthly duty cycle of 120,000 pages and offers smart features that save you time and effort such as:

- The A4/Letter auto detection function which eliminates paper size error prompts due to incorrect driver setting

- Automatically switches to monochrome printing when colour toner cartridges are depleted, thus reducing printer downtime

- Printer panel displays the size of the media in each paper tray, facilitating ease of paper replenishment

## Substantial Cost Savings

The built-in duplex unit facilitates double-sided printing, which cuts down on paper usage. You can also save costs through the toner save mode while high capacity toner cartridges allow higher volume printing at a lower cost per page.

The printer is also designed to provide greater energy efficiency:

- Its specially developed fuser unit with thin walls is able to heat up quickly without consuming too much power

- The ultra-fine toner powder requires lower fusing temperature compared to conventional toners

- It boasts a full range of energy saving modes including Deep Sleep mode and Auto Power Off

High Capacity Toner Cartridges
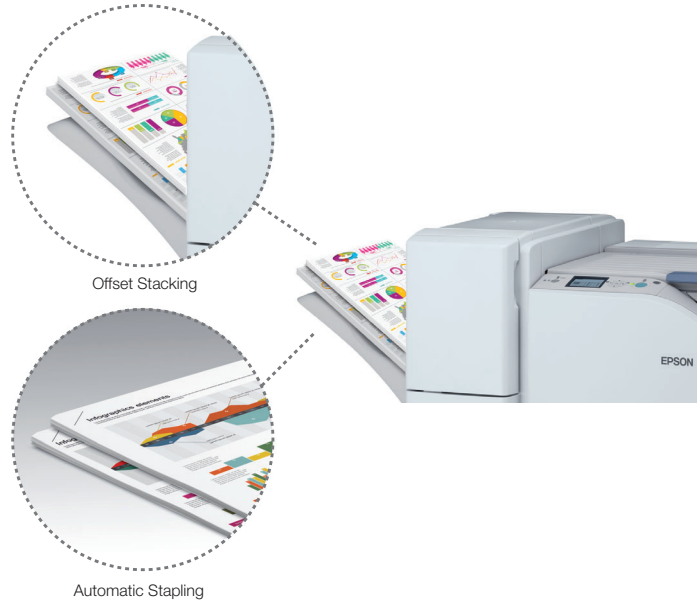18,300 pages (Black)
13,700 pages (C,M,Y)

## Flexible and Convenient Features

C500DN is one of the few laser printers in its class that provides an optional stacker for:

- Automatic stapling of documents (up to 50 sheets in one set)
- Uninterrupted large print runs with doubled output capacity of 1,000 sheets
- Offset stacking that allows different copies of the same document to be easily differentiated
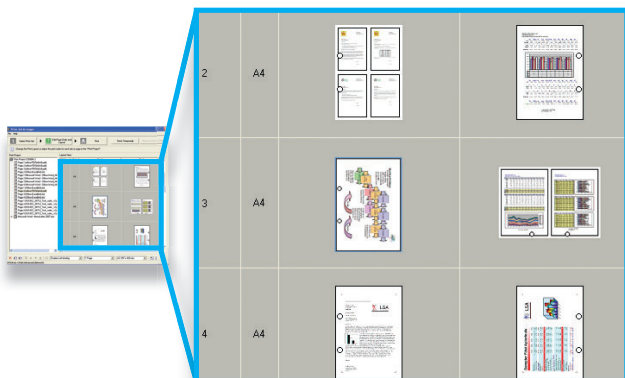
You can also enjoy continuous high volume printing with a large paper input capacity expandable from 700 sheets to 2,900 sheets. Built-in memory is also expandable from 512MB to 1,024MB so that processing speed is uncompromised even with larger sized print jobs and more users sharing the printer.

Offset Stacking

Automatic Stapling

## Manage Print Jobs with Ease

With our new print management features, you can easily improve printing efficiency in your workgroups.

- **Print Job Interruption**

  For urgent print jobs, user can intercept and choose his or her print job to be printed, or even cancel his or her print job from the control panel even when printer is still printing its current print job

- **Print Job Arranger**

  Users can combine several print jobs into a common interface and customise print settings for individual print jobs simultaneously. For multi-page documents, print settings can be customised for individual pages. Examples include landscape/portrait orientation, single/double-sided, change of paper size, page layout (up to 4-up), and re-arranging pages within a print job

## Compatible with Epson Device Status System

Epson Device Status System is an optional software that allows the user to monitor printer and usage management and print volume of selected printer models connected to the network. It also monitors consumables usage for timely replenishment and as cost information for budgeting purposes.

## Excellent Security and Connectivity Features

**Connectivity**

- Ease of workgroup printing with network connectivity and increases workgroup printing efficiency with support for Gigabit Ethernet
- Convenience of printing wirelessly from Apple® iOS™ and Android® devices with Epson iPrint app

**Security**

- IPv6 provides enhanced security and ease of management over traditional IPv4
- Secure network transmitted data with both IPsec and SSL, which encrypts document content
- SNMPv1 securely transfers information to users and IEEE 802.1x authenticates network devices before transmitting the print job
- Confidential Print* feature prevents unauthorised access to confidential documents by holding jobs at the printer until the user enters a password

  *Optional memory must be installed to use this feature.

## Brilliant Quality with Epson Printing Technologies

C500DN's resolution of 1200 x 1200dpi (4800dpi RIT) and true Adobe® Postscript™ 3 deliver sharp, realistic-looking colour documents.

- **Advanced Amplitude Modulation (AAM) Screen**
  Clearer reproduction of small-sized text, detailed graphics as well as web images
- **Dot Correction Technology**
  Improves print quality of fine lines and details in photos and CAD drawings
- **Colour Photo Graphics Improvement (C-PGI)**
  Optimises balance between image detail and colour gradation in photographs
- **Colour Resolution Improvement (C-RIT)**
  Reproduces text, slanted or curved lines clearly and smoothly

## Epson AcuBrite™ Technology

Epson AcuBrite™ toners utilise highly uniform toner particle size and wax distribution for consistently impressive results. This unique printing technology gives you superb clarity with sharpness and outstandingly crisp and bold black text that lasts.
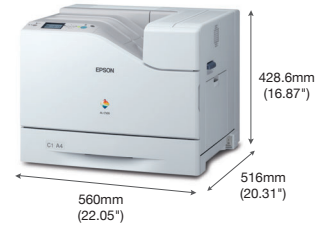
## Better for the Environment

C500DN and its toner cartridges are made from recycled materials and ozone-free parts to reduce material wastage and environmental impact. It has numerous features to help you enjoy significant energy savings.
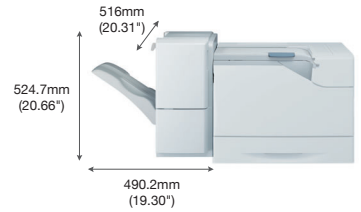
| MODEL NUMBER | | AL-C500DN |
|---|---|---|
| **Printing** | | |
| Print Method | | Laser Printer |
| Resolution | | Up to 1200dpi x 1200dpi (4800dpi RIT) |
| Processor | | 800MHz |
| **Print Features** | | |
| Print Speed | | Up to 45ppm (A4 simplex, mono / colour, 600dpi) |
| First Page Out Time | | Less than 8.5 sec (A4 simplex, colour) / 7.0 sec (A4 simplex, mono) |
| Warm Up Time | | 30 sec or less (from power on to ready) |
| Maximum Monthly Volume | | Up to 120,000 pages / month |
| **Printer Control Language Emulation** | | ESC / Page-Colour, ESC / Page, FX, ESCP2, 1239X, PCL5C, PCL6, Adobe PostScript3, PDF 1.6 |
| **Memory** | | |
| Standard | | 512MB |
| Maximum | | 1024MB |
| **Paper Handling** | | |
| Standard Paper Input | | Up to 700 sheets |
| | | (150 sheets from MP tray + 550 sheets from standard paper cassette) |
| Standard Paper Cassette | Paper Type | Plain paper / Recycled paper / Semi thick paper / Thick paper / Extra thick paper / Labels / Coated paper / Preprinted paper / Letterhead / Colour paper / Special |
| | Paper Size | A4, A5, B5, LT, LGL, GLG, EXE, and Custom size |
| | Width | 98.4 – 215.9mm |
| | Length | 190.5 – 355.6mm |
| Multi-Purpose Tray | Paper Type | Plain paper / Recycled paper / Semi thick paper / Thick paper / Extra thick paper / Labels / Envelopes / Coated paper / Preprinted paper / Letterhead / Colour paper / Special |
| | Paper Size | A4, A5, A6, B5, LT, HLT, LGL, GLG, GLT, EXE, F4, Monarch, Com-10, DL, C5, C6, IB-5, and Custom size |
| | Width | 76.2 – 215.9mm |
| | Length | 127 – 355.6mm |
| Optional Paper Cassette Tray | Paper Type | Plain paper / Recycled paper / Semi thick paper / Thick paper / Extra thick paper / Preprinted paper / Letterhead / Colour paper / Special |
| | Paper Size | A4, A5, B5, LT, LGL, GLG, EXE, and Custom size |
| | Width | 98.4 – 215.9mm |
| | Length | 190.5 – 355.6mm |
| Maximum Paper Input | | Up to 2,900 sheets |
| | | (150 sheet MP Tray + 550 sheet standard cassette + 2x550 sheet optional cassette + 1x1100 sheet optional cassette) |
| Maximum Paper Output | | Up to 500 sheets (face down) |
| | | Optional: Up to 1,000 sheets (with staple / stacker unit) |
| Paper Weight | | 60 – 216g/m² |
| **Printer Interface** | | |
| Standard | | Hi-Speed USB 2.0 |
| | | Ethernet (1000Base-T / 100Base-TX / 10Base-T) |
| Optional | | Type-B |
| | | Parallel interface (Installed in Type-B slot) |
| **Network Protocols** | | TCP/IPv4, TCP/IPv6, IPSec, AppleTalk |
| **Electrical Specifications** | | |
| Rated Voltage / Frequency / Current | | AC220V – 240V ±10% 50Hz / 60Hz ±3Hz |
| Power Consumption | | |
| | Max | 1380W or less |
| | Printing (Ave) Colour / Mono | 556W / 527W |
| | Ready | 107W |
| | Pre Heat | 70W |
| | Sleep / Deep Sleep* | 13.47W / 4.38W |
| | Power Off | 0.30W |
| | | *Deep Sleep mode is off by default |
| **Environmental Conditions** | | |
| Temperature | Operating | 5 – 32°C |
| | Storage | 0 – 35°C |
| Humidity | Operating | 15 – 85% RH |
| | Storage | 15 – 85% RH |
| Sound Power* | Printing | 7.45B (colour) / 7.48B (mono) |
| | Ready | 5.30B (colour / mono) |
| | | *Complies with ISO-9296 |
| Sound Pressure* | Printing | 59dB (colour / mono) |
| | Ready | 26.3dB (Reference value) |
| | | *Complies with ISO-9296 |
| **Printer Driver / Utilities** | | |
| System Requirements | | Windows 7 (32bit / 64bit) / Windows Vista (32bit / 64bit) / Windows XP (32bit / 64bit) / Server 2008 (32bit / 64bit) / Server 2008R2 (64bit) / Server 2003 (32bit / 64bit) / Mac OS X 10.5.8 or later |

| **Options** | **Order Code** |
|---|---|
| 550-Sheet Paper Cassette Unit | C12C802721 |
| 1,100-Sheet Paper Cassette Unit | C12C802731 |
| 1,000-Sheet Staple / Stacker Unit | C12C802741 |
| Parallel Interface Card* | C12C824521 |
| DIMM Memory 512MB RAM (200 pin) | 7100756 |
| | *General-purpose option |

| **Consumables** | **Page Yield** | **Order Code** |
|---|---|---|
| High Capacity Toner Cartridge Yellow | 13,700 pages[*1 *3] | C13S050656 |
| High Capacity Toner Cartridge Magenta | 13,700 pages[*1 *3] | C13S050657 |
| High Capacity Toner Cartridge Cyan | 13,700 pages[*1 *3] | C13S050658 |
| High Capacity Toner Cartridge Black | 18,300 pages[*1 *3] | C13S050659 |
| Standard Capacity Toner Cartridge Yellow | 7,500 pages[*3] | C13S050660 |
| Standard Capacity Toner Cartridge Magenta | 7,500 pages[*3] | C13S050661 |
| Standard Capacity Toner Cartridge Cyan | 7,500 pages[*3] | C13S050662 |
| Standard Capacity Toner Cartridge Black | 10,500 pages[*3] | C13S050663 |
| Waste Toner Collector | 25,000 pages[*2 *3] | C13S050664 |
| Photoconductor Unit Yellow | 50,000 pages[*2 *3] | C13S051224 |
| Photoconductor Unit Magenta | 50,000 pages[*2 *3] | C13S051225 |
| Photoconductor Unit Cyan | 50,000 pages[*2 *3] | C13S051226 |
| Photoconductor Unit Black | 50,000 pages[*2 *3] | C13S051227 |
| Staple Cartridge | 5,000 staples x 3 sets | C13S904002 |

**Dimensions & Weight**

**AcuLaser C500DN**
**Weight:** 42.2kg (93.0lb) (With consumables)



428.6mm (16.87")
560mm (22.05")
516mm (20.31")

**1000-sheet Stapler / Stacker Unit**
**Weight:** 14.0kg (30.86lb)



516mm (20.31")
524.7mm (20.66")
490.2mm (19.30")

*1 According to ISO/IEC 19798 and ISO/IEC 24711/24712 yield measurements.
*2 Approximate number of sheets under conditions of 4P/J printing on A4 size paper with 5% page coverage or ISO/IEC 24712 yield measurements.
*3 Depending on various usage and environments, the page yield may reduce.

Information correct as at April 2019