

Epson®/ Typhoon™ MICR

C20590MX MICR Printing System

Technical Specifications

MICR Model#	C20590MX
Print / Copy Speed	100 ISO ppm (black/color) simplex / 100 ipm duplex†
Print Resolution	600 x 2400 dpi
Printing Technology	Full page width PrecisionCore® 4-color (CMYK) drop-on-demand line head inkjet technology
Print Software	Epson® printer driver, PCL 5 driver emulation11, PCL 6 driver emulation11, PostScript® 3™, Document Capture Pro Optional: VersaCheck Enterprise 2020 - 100 User Check Creation and Finance Manager VersaCheck Machine XML - Smart Check Overlay Interceptor PageDeck Pro 2.0 - Print Job Configurator with Intelligent Input / Output Tray Manager
Optional Print Media	Typhoon Security Paper including invisible UV fluorescent tags and biomarks for checks and general security print output
Duplex Printing	Automatic
Standard Connectivity	SuperSpeed USB 3.0, Wireless 802.11n, Wi-Fi Direct®, Ethernet — 1000Base-T/100Base-TX/10Base-T, NFC7
Print Features	MICR Printing, Simplex, Duplex, Collating, Rotate-sort, Mixed Paper Sizes, Secure Printing, Watermark, Poster Printing
Input Paper Capacity	2,350 sheets (550 x 4 standard trays, 150 x 1 multipurpose tray); optional high-capacity input: 3,000 sheets
Maximum Paper Size	Standard cassette up to 11" x 17", Multipurpose tray 13" x 47.2"
Mobile Printing Capability	Epson® Email Print, Epson® Remote Print, Epson® iPrint™ App (iOS®, Android™), Epson® Print and Scan App (Windows), Creative Print App (iOS, Android), Google Cloud Print™, Android printing, Fire™ OS printing, Mopria® Print Service, Easy Photo Scan, Scan to Cloud4
Display	9.0" color touchscreen
Ink Configuration	5 individual ink cartridges (1 Cyan, 1 Magenta, 1 Yellow and 2 MICR Black)
Replacement Cartridges	x-nano™ Black MICR Compliant Cartridges (~50,000 pages) x-nano™ Cyan, Magenta, Yellow Cartridges (~50,000 pages)
Product Dimensions	Printer: 410lb 26.5" x 29.8" x 48.5" (W x D x H) Optional Bridge Unit: 137lb 19.1" x 26.3" x 40.9", Optional Professional Finisher: 92lb 26.8" x 26.3" x 41.8", Optional High-capacity Input Tray: 60lb 12.6" x 24.4" x 19.8"
Operating Systems	Windows® 10, Windows® 8, 8.1 (32-bit, 64-bit), Windows 7 (32-bit, 64-bit), Windows Vista® (32-bit, 64-bit), Windows XP SP3 (32-bit), Windows® XP Professional x64 Edition, Windows Server® 2003 SP28 – Windows Server 20168, Mac OS® X 10.6.8 – mac OS™ 10.12.x9
Server Systems	Windows Server® 2012 R2, 2012, 2008 R2, 2008, 2003 R2, 2003 SP2
Warranty	2 year / 3.6 Million Page Limited Warranty. Extended Warranty Plan: 5 years / 6 million pages
Optional Tray Mgt Software	PageDeck™ Pro 2.0 Print Job Configurator with Intelligent Input / Output Tray Manager enables complete paper tray control with the Epson® / Typhoon™ C20590MX. Easily manage up to 6 paper tray calls from a single PDF or JDF file! Manage multiple paper tray calls from a single PDF. Mix and match pages from multiple PDF files into one print steam file Overlay several PDF pages onto one page. Auto split large print jobs per programmed recurring tray calls.

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Introducing the world's fastest bank compliant color inkjet printer in its class. Print 100 pages per minute at an exceptionally low cost per print.



The **Epson® / Typhoon® C20590MX MICR** and color printer & copier is a heavy-duty Multi-Function Printer (MFP) built for heavy, shared use in enterprise or production environments. Delivering both breakneck speed and high-quality checks and documents, the Epson® / Typhoon® C20590MX can transform your productivity. With speeds of 100 (ISO) pages printed per minute, Epson® / Typhoon® is the fastest color inkjet printer and copier in its class. Utilizing Epson® PrecisionCore® Line Head Technology ensures gorgeous, full color, high quality prints at 2400dpi.

† Black and color print speeds are measured in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software, and page complexity.
1 Compared to best-selling A3 color MFPs with MSRP of \$41,000 or less. Competitive data gathered from manufacturer websites and third-party industry sources as of Nov. 2016.
2 With optional high-capacity input; 2,350-page capacity standard.

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100% Bank Compliant Check Printing: The Epson® / Typhoon® C20590MX MICR check output is compliant with Federal Reserve guidelines authored by the American Bankers Association (ABA), the Check Payment Systems Association (CPSA), and the American National Standards Institute (ANSI) standard X9.



Superior inkjet technology, print speeds, and advanced workflow solutions... for peace of mind!

Multi-Purpose Media Printing: Enjoy a wide range of media printing options in varying sizes, stocks and thicknesses; from envelopes to wide-format (up to 13"x19"), documents, copies, brochures and forms—the Epson® / Typhoon® has you covered! See [‘Technical Specifications’](#) to learn about [PageDeck Pro 2.0 Workflow Software](#) for enhanced paper in-output control.



Wide Format Printing: Print and copy tabloid-size pages up to 13 inches by 19 inches on this high-speed color printer and copier.



On-Step-Booklet Printing:



Enjoy impressive scan speeds of up to 60ppm/110ipm in duplex. The dual CIS technology allows convenient duplex scanning in a single pass.



Save Money and Hassles with Long-Lasting Ink Cartridges: The Epson® / Typhoon® uses large, ultra-high capacity ink cartridges engineered for high-speed printing without interruption.

Each ultra-high capacity ink cartridge is rated for up to 50,000 (ISO) pages / 150,000 checks! In comparison, the standard ink cartridge for typical office inkjet printers is just 300 - 1500 pages.



A front access door to the printer's ink cartridges makes replacement quick and hassle-free.



Easy removal of jammed paper with easy-to-follow instructions from the printer.



100,000 pages 50,000 pages each



Paper trays are easy to open and make refills smooth and effortless.

Intuitive Touchscreen: A 9-inch touch screen makes Epson® / Typhoon® easy to use, while offering various functions, including: scanning documents to the cloud and email, and easy copy machine set up.



Use Less Power than Laser Copiers: Use up to half as much power as traditional color laser copiers and printers and with large, extra high-capacity individual ink cartridges, the Epson® / Typhoon® C20590MX MICR printer keeps your operating costs low.

Ultra-High Paper Capacity & Finisher: Epson® / Typhoon® has a paper capacity of 2350 sheets, and is expandable to 5350 sheets—that's more than 10 reams of paper!