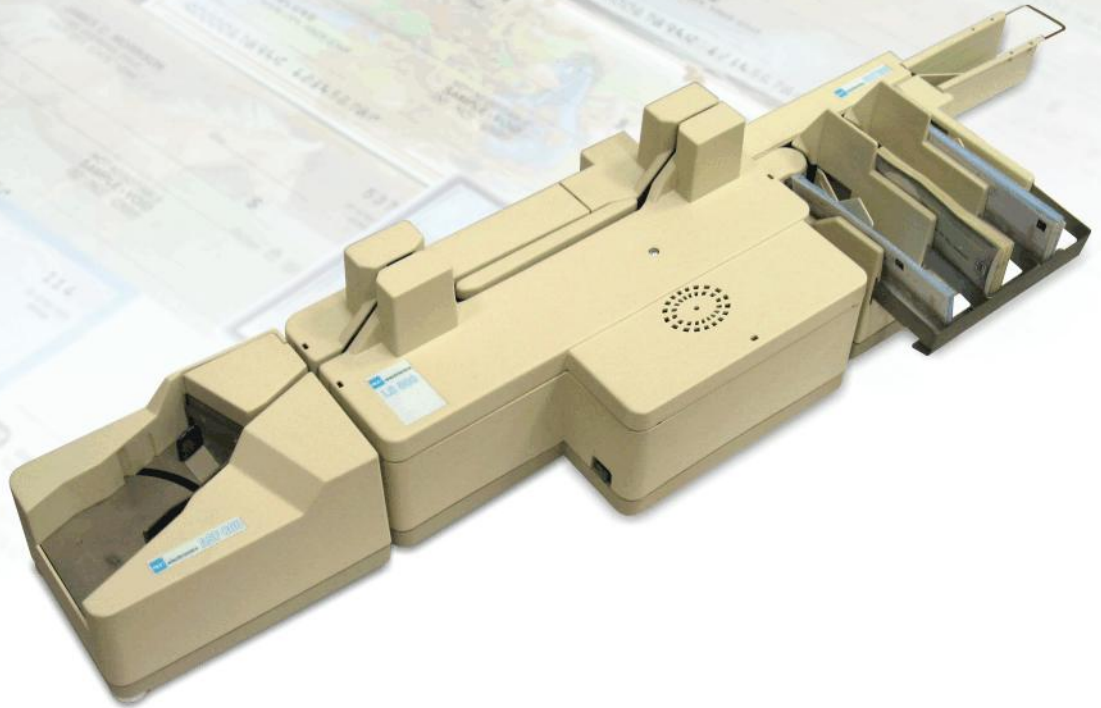


# Leading banking technology since 1980

**The powerful on-the-fly check sorter  
For back office automation,  
Grows as your needs grow**

**The top model in the LS series**



## LS800

The LS800 is a modular, high performance, bulk check scanner and sorter used for efficiently streamlining back-office check processing procedures in the branch.

The LS800 will pick, read, scan and sort, on-the-fly, processed checks. Featuring a high capacity input feeder, for 500 checks, front and rear cameras for grayscale or color image capture, MICR reader, a ink-jet endorsement printer, up to a maximum of 22 sorting pockets holding 250 documents each, and USB High Speed interface, the LS800 can reach a productivity peak of 12000 checks/hour.

The modular and easy-to-add design of its sorter modules allows for scalable configurations that are perfectly fitting for the processing needs of each branch location.

The LS800 is supplied with software libraries that provide OCR and barcode, including PDF417, data recognition, image compression, bitonal image conversion using specific algorithms, for the most common software platforms.



**Document readers and scanners**

## LS800 - Technical data

<b>Basic unit features</b>	! Automatic document feeder, up to 500 doc capacity ! Double feeding detection ! Front & back imaging camera ! Up to 9+1 storage bins, up to 250 docs for each bin ! Storage bin full sensors
<b>Options</b>	! MICR CMC7/E13B read head ! Intelligent sorting based on code lines ! One line rear ink-jet print head ! Storage/sorting bins extension for up to 21+1 bins
<b>Document specifications</b>	! Height: 60 ÷ 108 mm / 2.4 ÷ 4.25 in (Image height: max 108 mm.; the unit is able to handle higher documents) ! Length: 130 ÷ 216 mm / 5.12 ÷ 8.5 in ! Weight: 70 ÷ 120 gr/sqm / 0.01 ÷ 0.02 lb/sqf ! Thickness: 0.07 ÷ 0.12 mm / 0.0028 ÷ 0.0047 in
<b>Image capture</b>	! Grey scale level (16 or 256 ) 100 or 200 dpi ! Colour mode 24 bits 100 or 200 dpi
<b>Noise level</b>	! <52db
<b>Connection interface</b>	! USB 2.0 interface
<b>Performance</b>	! Reading speed: 800mm/sec / 31.5 in/sec ! Throughputs: up to 200 dpm
<b>Physical characteristics</b>	! Height: 200 mm / 7.87 in ! Width: 265 mm / 10.4 in ! Length: 833÷2600 mm / 32.8÷102 in ! Weight: LS800: 10Kg / 22lbs ASF800: 2.5kg / 5.5lbs STR800: 4kg / 8.8lbs
<b>Power supply</b>	! Input: 100-240 Vac ±10%, 50-60 Hz, 150 W ! ON/OFF Switch on the scanner
<b>Environmental conditions</b>	! Operating: 10 ÷ 40 °C / 50 ÷ 104 °F, 20 ÷ 80% R.H. ! Storage: 0 ÷ 45 °C / 32 ÷ 113 °F, 5 ÷ 95% R.H. ! Transport: -15 ÷ 55 °C / 5 ÷ 131 °F, 5 ÷ 95% R.H. R.H.: (20H max)
<b>Homologation</b>	! CE, CSA C & US, FCC ! EN60950
<b>Software</b>	! Drivers for Windows 98/2000/XP/Vista and Linux ! Unified API common across all LS series

Any changes without prior notice V. 1.5



10015 Ivrea (TO) - ITALY  
Corso Vercelli, 332  
Call. ++39-0125-235611  
Fax. ++ 39-0125-235623  
e-mail: sales@ctsgroup.it  
www.ctsgroup.it



35 Corporate Drive, 4th Floor  
Burlington, MA 01803 USA  
Call. +1-781-685-4999  
Fax. +1-678-905-1350  
e-mail: sales@ctsna.com  
www.ctsna.com