

scanner and printer

Completed the presentation

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Scanner



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- Scanner - device which, by analyzing an object, creates a digital copy of the image object. The process of obtaining this copy is called scanning.

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- The story of the scanner create a scanner started with the advent of the Telegraph (transmission of information) the Rapid development of the scanner at the time of occurrence of the facsimile (1843 Alexander Bain)
 - The story of the scanner 1902, the German physicist Arthur Korn has patented the technology of photoelectric scanning, which later received the name of facsimile. Fax device a Fax image transmission via the telephone network, the facsimile consists of : .scanner that provides input data ; electronic device designed to transmit / receive signal to the recipient ; printer, printing a message.

The types of scanners



Flatbed
scanner



Handheld scanner



Planetary
scanner



Drum
scanner

Design



Development of 3D scanner: volumetric scanning of real objects and getting it accurate 3d models



Printer



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- Printer - a printing device, with which you can get a "solid" copy of the document on paper, cardboard, transparent film, or other media

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- Development of the first printer in the world (if this device can be called) started back in 1822
 - Creator of the "first printer" was a famous inventor at the time, Charles Babbage.

Types of printers

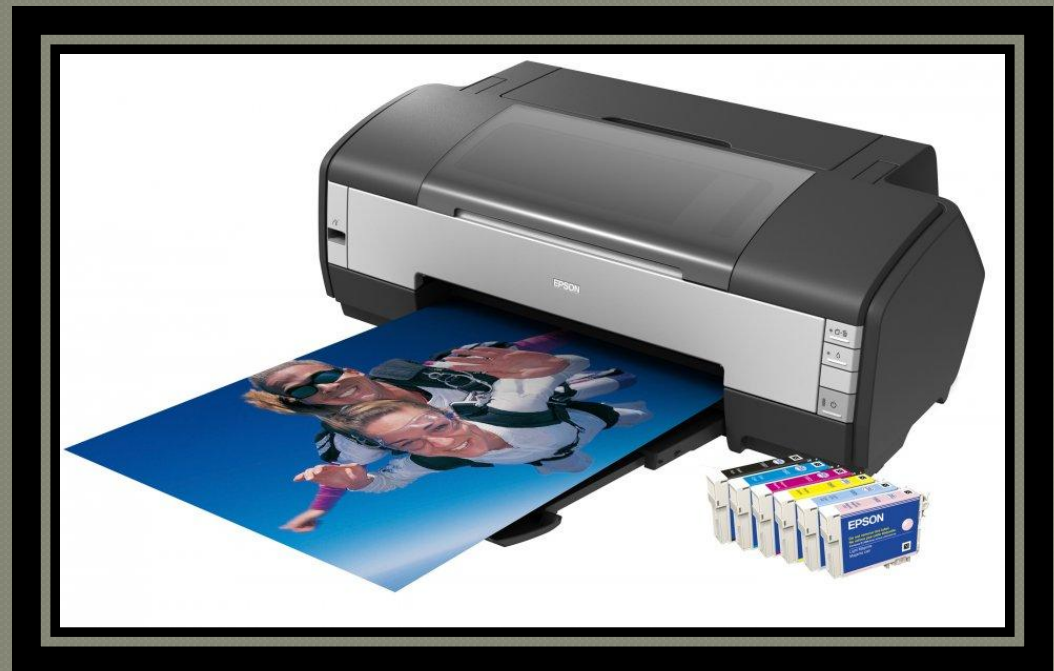
Matrix printer

- The mechanism of dot-matrix printer (the oldest of the types of printers used today) was invented by the Japanese in 1964.



Jet printer

- The principle of an inkjet printer is similar to the action of the matrix: the image is created from points. Only heads with needles instead of matrix used in these (head), which prints the liquid dyes.



Laser printer

- Laser technology (to be precise - electro photographic technology) appeared in 1938. This printing method, called electrography first, then - xerography and today more commonly known as laser printing, designed for speed, efficiency and high quality print

