

Variety of printers. Usual and unusual printers

Printer English. Printer - a printer - a printing device of the digital information on solid media, usually on paper. Printers are dye sublimation inkjet laser dot matrix and thermal. Sometimes laser printer isolated in a separate kind of led printers. Dot matrix printer eng. dot matrix printer - computer printer forming images by using a separate small dots. Printhead dot-matrix printer typically contains from 9 to 24 print needles are selectively strike the ink ribbon by creating an image on the paper located behind the ink ribbon. To print on dot-matrix printer rolled or folded perforated paper. Currently available printers 9 18 24 and 36 needles in the head. Ink-jet printer. The principle of operation inkjet printers like dot-matrix printers so that the image formed on the carrier point. But instead of heads with needles in inkjet printers uses a matrix printhead with liquid dyes. Cartridges with the dyes come with a built-in print head. To reduce the cost of printing and improve other characteristics of the printer used continuous ink supply system. Laser printer laser printer. The laser print process consists of five sequential steps Charging the printing drum is applying a uniform electric charge on the surface of the rotating drum 1. Laser scanning of the blowing out process of the passage of the negatively charged surface of the printing drum under a laser beam. The laser beam 3 is deflected by a rotating mirror 4 and passing through a distribution lens 5 focuses on fotowala 1. Laser aktiviziruyutsya only in those places on which the magnetic roller 7 in the future will have to apply the toner. Under the action of laser areas of the photosensitive surface of the printing drum which was illuminated by the laser becomes conductive and the charge in these areas flows down on a metal basis of the printing drum. Thus, on the surface of the printing drum electrostatically creates the image of the future of print in the form of a weakened charge. The overlay toner. Negatively charged feed roller toner gives the toner a negative charge and supplies it to a developing roller. The toner in the hopper is attracted to the surface of the magnetic roller under the action of a magnet from which made the core of the shaft. During rotation of the magnetic roller the toner on its surface passes through the narrow gap formed between the metering blade and the magnetic shaft. After that, the toner comes into contact with fotowala and is attracted to him in those places where negative charge was removed by exposure. Thus, an electrostatic invisible

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