

# SPECIAL CUTTING MACHINE FOR ABRASIVE TOOLS - SANDPAPER LASER CUTTING MACHINE

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Abrasives are grinding tools that meet certain conditions and are widely used in various industries such as automobiles, shipbuilding, electronics, furniture, stainless steel, stone, textiles, leather, flooring, and panels. The main raw materials of abrasive tools are sandpaper, emery cloth, disc sand, hand sandpaper, abrasive discs and so on. , need to be cut on different occasions. Today, the editor will introduce a special cutting machine for abrasive tools-sandpaper laser cutting machine.

Sandpaper [laser cutting machine](#) is a kind of equipment that uses the principle of high-energy laser cutting for cutting. Traditional belt sandpaper cutting is done with a knife. However, due to the grit with high hardness attached to the surface of the sandpaper, the wear of the cutter is particularly serious, and the cost of the die is high, which greatly increases the cutting cost of the sandpaper. The sandpaper laser cutting machine focuses the laser beam on the surface of the product to form a high-temperature gasification zone to realize the cutting of the sandpaper belt. There are no tooling costs. The non-contact cutting method has less stress on the product, and the cutting accuracy is greatly improved.

Compared with traditional knife cutting, the sandpaper laser cutting machine has high efficiency and beautiful edges, avoiding the technical limitations of traditional knife cutting that can only cut horizontally and vertically. Just set the cutting graphics on the computer to realize complex shape cutting, cutting and opening of sandpaper abrasive belt, disc sand and other materials. Compared with the traditional process, the efficiency has been improved many times. It is a special cutting machine for abrasive tools integrating high efficiency, low cost and high quality.