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Metal cutting band saw is not like any hand driven metal cutting saw or any tools that can be lifted by your hands very easily. These metal cutting band saws are not so portable that can be portable or carried easily from one place to another for providing a total surface finishing. If you want to make full usage of the metal cutting band saw then you have to go to a nearby metal cutting saw plant and then cut your metal pieces. These metal cutting band saws are fixed inside the metal cutting band saw plant in one place with screws to the plantâ€™s floor and it works with coordination with other metal saw appliances so as to provide a surface finishing over all those metals over which they are applied over. Thus, a metal cutting band saw attached inside a metal cutting band saw plant, works no differently then an ordinary wooden band saw.

The only difference between a metal cutting band saw and a wooden band saw is the usage of its cutting metal blades used. The blade sizes are much broader and sharper teethâ€™s which makes a total clean surface finishing. On the other hand, a metal cutting saw is a hand band saw which every carpenter carries with his other accessories. These metal cutting saw are also used to cut small pieces of wood by hand which if cut through these metal cutting band saw uses electric current to cut down any wooden planks easily.

The working of metal cutting band saw and its forms are being illustrated below as follows:

Forms of Metal Band saws: The metal cutting band saw are being found in two different variants installed in different metal cutting saw plant. These are in the form of Vertical band saw and horizontal Band saws. Vertical band saw has its cutting teethâ€™s are being placed in vertical positions and works as simple as a table saw works. The users have to push forward a wooden plank to get cut into smooth surface finishing through these metal band saws. On the contrary, a horizontal band saw are similar to an ordinary hand driven metal cutting saw which an users have to hold with his hands, and put the metal cutting saw over the metal so that the blade moves over it;

Wheel Blades: A metal cutting band saw works with a series of interconnected wheels to provide a clean metal surface finishing touch. These wheels have a rubber edge on its outer surfaces which rotates against its metal teethâ€™s so as to provide a clean surface finishing over that metals over which these are being used. This metal cutting band saw operates with the help of an electric motor which generates electric currents to rotate different belts, gears, pulleys attached to the machines body;

Blades Quality: The quality of its blades which produces a clean surface finishing is due to a single blade being used in the metal cutting band saw. The blades of metal cutting band saw are coated with diamond blades or a diamond blade which passes over a harder metal and cut into two equal halves with quality surface finishing touch. These blades are hard, compact than the wooden saw blades used for cutting wooden blogs using a hand driven metal cutting saw.

These are the ways which shows the working of metal cutting band saw used to cut metals using diamond blades making the entire work of these carpenter much easier and safer to use.

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