



Different types of Metal Fabrication

Metal Fabrication or customization is in great demand for construction purposes. From ringing in an archaic look to bringing a modern style for a corner, fabricated metal has brought a wide range of options. Big metal architectural wonders are one of the greatest advantages fabricating metals of different grades and types. Each design is unique and requires specific kind of metal for getting the desired results. Along with specification of metal, it is also the types of fabrication which helps in reaching the goal. Fabrication of metal can be done by punching, cutting, shearing, welding, forming, and stamping etc. There are many and only a pro metal fabricator can brief you about the type of fabrication process that would be required for your project.

One important function of metal fabrication that must be understood here, is metal fabrication can be used to bring out the end result or it can be used for manufacturing a small piece of design, which could be a part of bigger architectural model. Let us begin with the simplest fabrication procedure—

- **Cutting:** It could be seen as the first step of the beginning of the bigger project or thing. And it could be performed on all types of metals as in copper, aluminum, steel, brass etc. With several technological advancements, [metal cutting](#) which was earlier done by sawing, is now administered by computerized cutters.
- **Punching:** Punch is mostly used for creating holes for design purposes for completing a work. Depending on the nature of the work, punching can be either done manually or with the use of machines. It can be used for executing simple or complex work.
- **Welding:** It is the most common type of fabrication process. It is used for joining together several different sizes of metal pieces to form one piece or for achieving designing wonders. [Welding](#) can be further segregated into spot welding, MIG or TIG Welding, Arc Welding and more. You can always discuss with your metal fabricator about welding to get the best piece of art for your interiors or for the construction of exterior part of the house or the commercial structures or figures.
- **Shearing:** Metal shearing is the work of experts and requires right type of tools as blades are place one above and the other under the metal to get one straight cut. It is a very specialized work and only a [professional metal manufacturer](#) who have perfect set of tools can deliver this work. It is basically used to get rid of extra material from the metals of any kinds.
- **Stamping:** This method is essentially used for indentation and do not make a hole like punching. The process can be used for carving shapes, figures or letters on a metal plate. A very useful technique for creating artistic designs on metal sheets.

Omni Steel Supply is a [professional manufacturer](#) and [fabricator](#) for New York and the neighboring areas. They offer all types of fabrication processes and can help you in finishing your project on time. If you wish to know more about the fabrication process and how it can work out for a project, give us a shout out by filling the form below.

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