

## 1 KW laser welding machine ,sheet welding capacity:

Material	Thickness
Stainless Steel,SS 202,SS 304 etc.	2mm,with wire feeder 3mm,without wire feeder
Mild Steel,Carbon Steel, Hot rolled and coll rolled	2.5mm with wire feeder 4mm without wire feeder
Aluminium Sheet	3mm without wire feeder 3mm with wire feed

## 1.5KW laser welding machine ,sheet welding capacity:

Material	Thickness
Stainless Steel	4mm,with wire feed 5mm,without wire feed
Mild Steel,Carbon Steel	4mm,with wire feed 5mm,without wire feed
Aluminium	4mm with wire feed 4mm without wire feed

## 2KW laser welding machine:

Metallic material	Thickness-level
Stainless Steel	5mm
Iron	5mm
Carbon Steel	5mm
Aluminum	4mm
Brass	5mm
Galvanized Sheet	5mm

## 3KW laser welding machine:

Metallic material	Thickness-level
Stainless Steel	6mm
Iron	6mm
Carbon Steel	6mm
Aluminum	5mm
Brass	6mm
Galvanized Sheet	6mm

## Advantages:

By using Laser Welding Machines, all kinds of welding work are done very precisely and with higher accuracy. So, here we will be discussing the various advantages of the laser machine:

**Higher-quality Welds:** As this is a high-power laser welding machine, so due to its higher power, the welding quality will also be of higher quality. In addition, the heat-affected zones outside the welding joints are also lesser, this also enhances the welding quality.

**Higher- precision:** Here, due to the narrower and more focused fiber laser beams, it covers only the specified areas, which makes it the quality of higher precision.

**Safe-handling:** The entire welding operations are safer and easy to handle. As it can be operated via its fully-automatic operations. So, an operator can wear protective goggles, and gloves while doing the welding operations.

**Reduces time and cost:** The automated working machine reduces the final welding timing and also further reduces the costings.