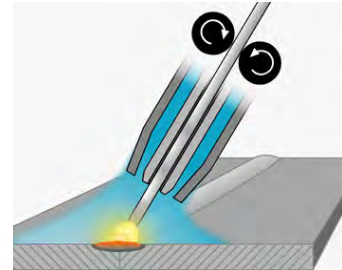


Pulsed MIG

Pulsed MIG is a variant of MIG/MAG welding where the main difference is due to the use of pulsed welding current. This leads to a reduction of the level of spatter. Higher productivity Pulsed MIG process can be used on thin sheets of at least 1 mm thick. It is normally used steel, inox, aluminum.



The type of electrical current used in this process is pulsed where the electrical pulses unfasten the drop formed by the electrode across the electrical arc towards the part. If the pulses are well controlled, it becomes possible to have a greater control of the amount of material deposited on the surface of the part.

Some Advantages of Pulsed MIG:

Reduction of the spatter.

Compared with the conventional MIG technique, by using pulsing electrical current, it is possible to reduce the amount of spatter which leads to lower costs.

Heat Input reduction. The pulsed current allows have lower heat input, which reduces the number of distortions in the material.

Improved Productivity. Pulsed MIG allows for high deposition ratios. It can also be easily automated.

Better Quality. The electrical arc is more stable due to the above mentioned advantages which makes for a high quality weld

