New Process Takes Welding to Higher Level

Top Four Reasons to Use PPAW During Welding

#1: Weld Faster (up to 25%)

#2: Prevent Distortion (up to 90%)

#3: Prevent Cracking (up to 90%)

#4: Increase Service Life (up to 400%)

Pulse Puddle Arc Welding® (PPAW®) is a patented process that subjects the weldment to mild mechanical pulses during welding. PPAW allows weld metal to stay molten a few seconds longer before it solidifies. Metallurgically a finer more uniform weld grain results which will have higher ductile and impact values (up to 400% and 75% respectively).

Bonus Benefits Using PPAW

- Reduce Preheat (up to 300°F)
- Easier to weld vertical
- Reduce Porosity
- Easier to weld overhead
- Reduce Undercutting
- Easier to weld dissimilar metals
- Reduce Blowthrough
- Relieve stress during welding