



CONTROL THE ARC. FOCUS ON THE WELD.

Pulse DC TIG Welding and
QuietPulse™ Technology

PULSE DC TIG WELDING GIVES YOU THE POWER AND PRECISION YOU WANT, NOW WITH QUIETPULSE™ TECHNOLOGY.

Experience precise arc control, weld thin materials, and discover all the benefits of pulse TIG welding. With inverter technology, pulsing helps novice welders gain essential skills and master welders achieve new heights. Reduce heat input, improve arc performance, limit metal distortion and produce exceptional quality results.



WHAT IS PULSE WELDING?

Pulse welding is a variation of the traditional welding process that alternates between a high and low current, allowing the welder to vary the pulses per second based on the project, material, and desired result.



WHY PULSE?

Pulse welding gives the operator increased control over the arc and is great for welders of all skill levels. Other benefits include:

1

Increased travel speed

2

Reduced heat input/heat affected zone (HAZ)

3

Ability to weld thinner materials with less distortion

4

Helpful for welding in difficult positions

5

Greater control over the appearance of the finished weld

6

Ideal for TIG beginners looking to practice the rhythm of adding filler metal



QUIETPULSE™

Pulse DC TIG welding is notoriously LOUD. Welding at high pulses per second creates a distinct “buzzing” sound that can be very distracting, especially in environments where there are multiple operators. Not anymore.

TUNE INTO THE WELD WITH QUIETPULSE™ TECHNOLOGY

Now, you can leverage the power and control of pulse DC TIG welding and eliminate the noise. Miller® QuietPulse™ Technology turns down the volume on the distracting sound that comes with pulsing so you can focus on the job at hand.



QUIETPULSE™ is activated by changing the waveshape during DC pulse welding, creating a slower, more fluid transition between the background and peak amperage to create the least possible audible noise



WELDING AT A HIGH PPS

Pulse DC TIG welding at a high pulse per second rate typically creates a loud, distracting sound. QuietPulse™ lets you focus on the benefits of pulsing like increased travel speed and a precise arc without the distraction of the noise.



SHOP ENVIRONMENTS

Running multiple TIG welders in one shop space? Create an environment where operators can focus on the weld and not distract other employees.



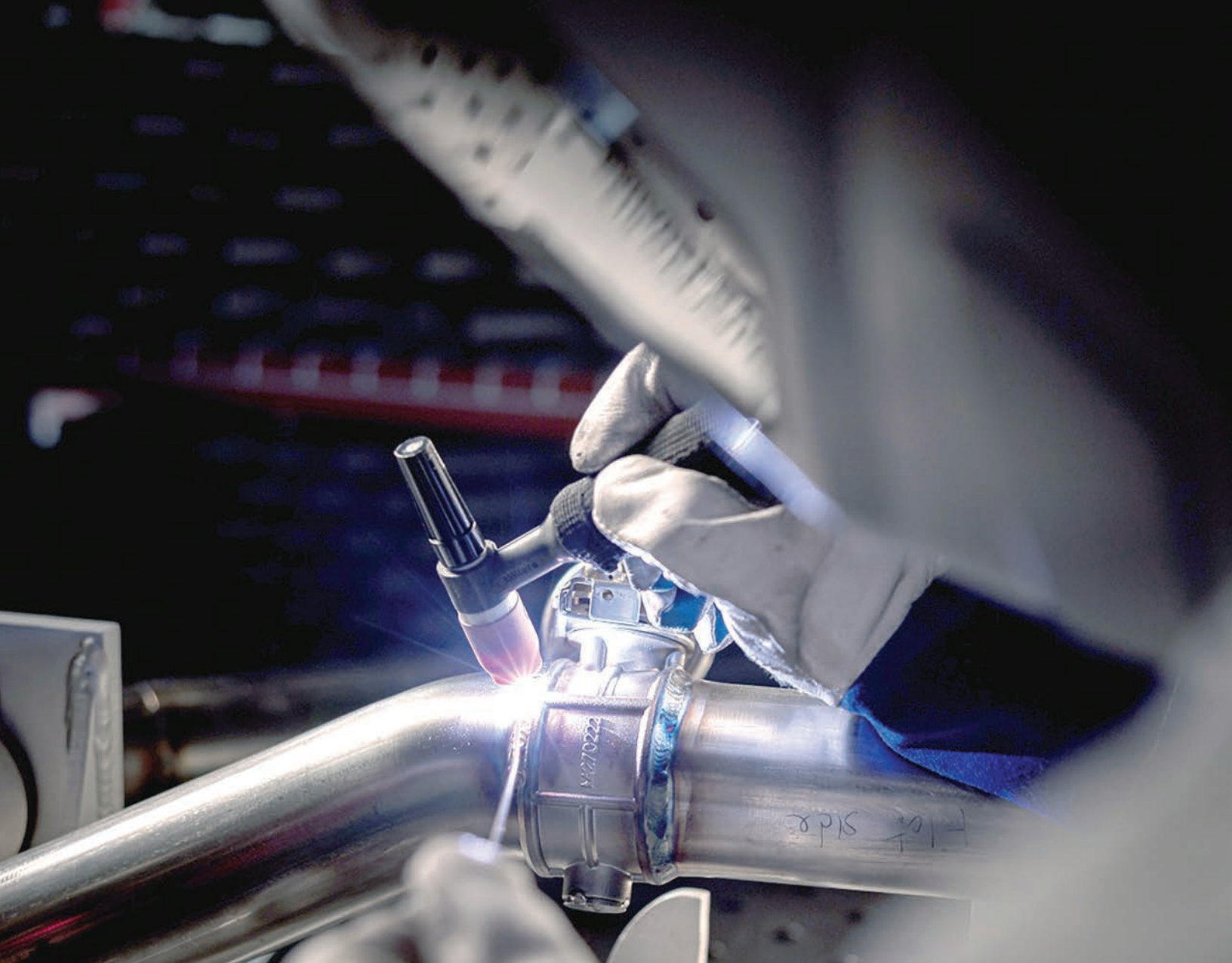
NEW TO TIG?

Find your rhythm with a low pulse per second rate to add the filler metal and moving your torch, building the muscle memory needed to perfect your TIG weld.

QUIETPULSE™ TECHNOLOGY IS FEATURED ON THESE MILLER PRODUCTS



* Maxstar 210, 280, 280 Multiprocess, 400 and 800 Series machines manufactured prior to serial number ND040985L will have the option to purchase the QuietPulse™ Expansion Memory Card (PN 301790) - MillerWelds.com/qpcard



RAISE EXPECTATIONS, NOT THE **NOISE**

TIG welders strive for precision. Leverage the power and control of pulse DC TIG welding to reduce arc wander, increase travel speed, and minimize distortion – all while eliminating the noise with Miller® QuietPulse™ Technology.

MillerWelds.com/quietpulse

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