



GET CURRENT

**MILLER® SYNCROWAVE® 300 AND 400
TIG WELDING POWER SOURCES**



Outdated Equipment Is Holding You Back

Staying competitive in the general fabrication industry isn't easy. To meet customer expectations and ensure profitability, you need to maximize productivity and minimize operating costs — but outdated TIG welding power sources slow work down and drive up expenses. If you're not upgrading to easier-to-use, more energy-efficient machines — and your competitors are — you're at a disadvantage.

GET PRODUCTIVITY THROUGH SIMPLICITY. GET CURRENT.

Miller® Syncrowave® 300 and 400 TIG welding power sources make it easy for any welder to set proper parameters, get a stable arc and make good welds. That means welders need less training and get more work done. These smaller, lighter, energy-efficient machines are ready to improve your operation — here's how:



SIMPLE SETUP

Other power sources are difficult to set up, wasting time that could be spent working. They also increase the chance that improper weld parameters will be selected, which can result in bad welds, scrapped parts, and rework — all of which hurt profitability.

Syncrowave® 300 and 400 machines are simple to set up, delivering advantages you need:

- Welders of all skill levels can be more productive and avoid making bad welds.
- Exclusive Pro-Set™ technology eliminates guesswork when setting TIG weld parameters. Just one touch delivers the speed, convenience and confidence of preset controls; confirmation of the feature's activation is clearly shown on the machine's faceplate.



EASE OF USE

Complicated power sources mean more training time and a steeper learning curve before inexperienced welders are comfortable with the machines — which reduces their productivity.

Syncrowave® 300 and 400 power sources are designed around the welder. An intuitive user interface reduces training time, so your operation gets more work done.



ENERGY EFFICIENCY

Outdated power sources consume more primary power than newer machines — even when idle. The bigger your old fleet is, the higher your operating costs and the lower your profits.

*Replacing your old fleet with Syncrowave® 300 or 400 machines can significantly reduce your operating costs because they're up to **33% more energy-efficient than older power sources.***



BETTER ARC PERFORMANCE

If a power source doesn't deliver a stable, controllable arc, it makes the welder's job more difficult. An unstable arc and inconsistent arc starts can also lead to bad welds, scrapped parts, and rework. It all results in less productivity and higher costs.

Syncrowave® 300 and 400 machines make it easier for any welder to start and maintain a more stable arc to work more efficiently, make better welds and be more productive — so your operation is more successful.



SMALLER FOOTPRINT

Old power sources are large and heavy. They take up a significant amount of workspace, making it more difficult for welders to do their jobs — and when your operation's production floor needs to be reconfigured, big machines are more difficult to move.

Smaller and lighter than older machines, Syncrowave® 300 and 400 machines free up space and are easier to move, improving workplace conditions.

AC FREQUENCY ADJUSTMENT

Utilizing a higher frequency setting, provides more directional control and a narrower arc cone. This is particularly useful when welding in tight corners and for precise welds. A lower frequency creates a soft, wide arc which could be used for outside corner or buildup work.

Syncrowave® 300 + 400 machines feature AC Frequency Control, allowing you to gain greater arc control - tailor the arc to your application.

AT A GLANCE

MILLER® SYNCROWAVE® 300 AND 400 TIG WELDING POWER SOURCES

Syncrowave® 300	Syncrowave® 400
Processes: AC TIG, DC TIG, DC pulsed TIG, stick	Processes: AC TIG, DC TIG, DC pulsed TIG, stick
Input Power: 208/240–480V, single-phase/three-phase	Input Power: 208/240–480V, single-phase/three-phase
Amperage Range: 5-300	Amperage Range: 5–400
Rated Output: 300A @ 22V 30% duty cycle	Rated Output: 400A @ 26 V 30% duty cycle
Net Weight: 178 lb. (80.7 kg)	Net Weight: 231 lb. (104.8 kg)



- ▶ To learn more about the new Syncrowave® TIG welding power sources, contact your Miller sales rep or visit MillerWelds.com/syncrowave.

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