

Compare Miller's Best Selling Multiprocess Inverter Welding Power Supplies

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	XMT® 304 CC/CV	New XMT® 350 VS	XMT® 350 CC/CV	XMT® 456 CC/CV
Output capacity 60% Duty Cycle	Good 300 Amps @ 32 V	Better 350 Amps @ 34 V	Better 350 Amps @ 34 V	Best 565 Amps @ 43 V
Why buy this machine?	The time-tested industry standard for multiprocess welding, providing best of class Stick performance, Flux Cored(FCAW), MIG, TIG and Carbon Arc Gouging. Great for maintenance and repair, sheet metal, process piping, fabrication and manufacturing.	A simplified version of the full featured model, the XMT-350 VS is ideal for Construction or Fabrication applications utilizing voltage sensing wire feeders without remote control. The units increased weld output enables improved deposition using Flux Cored/Tubular wire. True "CV" MIG welding and superior "CC" Stick, Carbon Arc Gouging and TIG welding capability are all possible with the XMT-350 VS	The XMT 350 CC/CV provides the multi-process capability you expect from an XMT with the added benefits of higher output (350A) and patented Auto-line Technology (208-575V input with no linking) This means no lost set up time, no annoying arc outtages or trips due to line voltage fluctuations and elimination of power source failures due to incorrect manual linking.Great for heavy/all manufacturing, fabrication, construction, structural, maintenance, sheet metal and process piping.	The most welding output of any XMT welding power supply, capable of supplying power for large 3/8" carbons for Air Carbon Arc Cutting and Gouging. Its ability to supply up to 600 Amps makes it the machine of choice feeding larger diameter wire and stick electrodes (GMAW, GMAW-P, FCAW, SMAW) Great for heavy/all manufacturing, fabrication, construction, structural, maintenance, sheet metal, process piping.
Remote Control	Yes	No	Yes	Yes
Process Capability	CC/CV	CC/CV	CC/CV	CC/CV
Process Selections	8	4 (Simplest operation)	8	8
Weld Performance				
Amperage/Voltage Range (DC processes)	5 - 400 A 10 - 35 V	5 - 425 A 10 - 38 V	5 - 425 A 10 - 38 V	5 - 600 A 10 - 38 V
Carbon Arc Cutting and Gouging	up to 1/4" carbons	up to 5/16" carbons	up to 5/16" carbons	up to 3/8" carbons
Stick - 6010 Electrode	Excellent	Excellent	Excellent	Excellent
Stick - 7018 Electrode	Excellent	Excellent	Excellent	Excellent
FCAW	Excellent	Excellent	Excellent	Excellent
MIG - short arc/spray	Excellent	Excellent	Excellent	Excellent
Pulse MIG	Excellent	NA	Excellent	Excellent
TIG - DC	Excellent	Excellent	Excellent	Excellent
Power Management Technology				
Primary Technology	Auto-link™ Better Automatically links/enables the unit for operation, on any of two primary voltages. (230/460 or 460/575 VAC, single or three phase)	Auto-line™ Best Allows for any primary voltage (208-575 VAC) to power unit. No primary linking required, providing convenience in any job setting. Ideal solution for dirty or unreliable input power.	Auto-line™ Best All XMT-350 models provide Auto-line™ Power Management Technology for the maximum degree of freedom over primary power fluctuation. (+37%,-59% on 460 VAC)	Manual Link Good Operation on multiple primary voltages is possible via manual links. A unique viewing window reveals the primary voltage that the power source is linked for without removing the side panels.
Welding Capabilities				
Large Digital meters with post weld display hold	✓	✓	✓	✓
Scratch start/Lift Arc™ TIG with Anti-flare Stop	✓	✓	✓	✓
Adjustable Dig/Stick	✓	✓	✓	✓
Adjustable Arc Inductance/Mig	✓	✓	✓	✓
Wind Tunnel Technology™	✓	✓	✓	✓
Fan-On-Demand™	✓	✓	✓	✓
Adaptive Hot Start™ (stick)	✓	✓	✓	✓
Self Diagnostics	✓	✓	✓	✓
Protective Door Panel	✓	✓	✓	✓
Extended Line Voltage Compensation	+/-10%	+37%,-59% at 460 V	+37%,-59% at 460 V	+/-10%
Low OCV Stick	✓	✓	✓	✓
Internal gas valve option with automatic postflow control	✓	✓	✓	✓
Auto Remote Sense™	✓	✓	✓	✓

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