

XMT Racks

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**Multioperator
Welding Systems** 

Quick Specs

Heavy Industrial Applications

Construction
Fabrication
Shipbuilding
Rental Fleets

Processes

MIG (GMAW)/Pulsed MIG (GMAW-P)
Stick (SMAW)
TIG (GTAW)/Pulsed TIG (GTAW-P)
Flux Cored (FCAW)
Air Carbon Arc (CAC-A)
Cutting and Gouging

Rack Capacity

Allows up to 1–6 300/350 A inverter power sources:
XMT 304/350 or Invision 354MP

Allows up to 1–4 450 A inverter power sources:
XMT 450 or Invision 456P/456MP

Empty Rack Weight: 256 lb (116 kg)

The Power of Blue.®

Meets NEC requirements when properly installed and utilizing recommended primary circuit protection and proper fuse selection for primary power applied to rack.

All racks, factory equipped with power sources, include 20 A fuses to provide primary power line protection for each inverter power supply on 460 VAC. (575 VAC operation, if applicable, also utilizes 20 A fuses).

Fuses meet requirements of IEC 60529 for IP-20 finger safe rating. Miller inverter racks are the only racks on the market to provide IP-20 finger safe rated fusing.

Visual indication window is built into fuses to assist troubleshooting.

Fuse holders are designed to accommodate fuses for both 300 A (208–575 VAC) and 450 A (380–575 VAC) inverters in all voltage ranges applicable to power source.

One easy connection allows up to six inverters to be connected with one primary power drop.

Easy power source removal from rack with ability to wire conventional plug for applications remote from rack.

Rack roof panel and power source shelves are fabricated from galvanized steel and painted for added protection in harsh environments.



All racks can be equipped with optional running gear. The large 5 in diameter wheels enables the rack to be moved over grating and driveway gravel.

Protected from the elements, the electrical junction box is located well under the galvanized roof panel.

Meets IP23, which is more stringent than IP23S or IP23M ratings.

Liquid-tight strain reliefs provided on both welding power source and electrical junction box. Strain relief is designed to resist salt water, alcohol, oil, grease and common solvents.

Lifting eyes simplify transportation using crane or overhead lifting device.

Dual isolated work terminals provide a convenient connection point for common work piece construction. (Same polarity only.)

Rugged steer skids stand up to the rugged construction environment.

Lift truck side and end fork pockets in base to enable loading and work site repositioning with fork lift.

Custom build your own system by mix and matching Miller's XMT® 304, 350, 456 CC/CV, XMT® 350 VS, and Invision™ 354MP, 456MP, and 456P. (450 A inverters maximum – 4 units)



Warranted for 3 years parts and labor.

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XMT 304 Rack



The XMT 304 is a standard in the welding industry for multiprocess welding.

The XMT is the most versatile package with unbeatable arc performance. It provides for CC and CV welding processes, including Stick, TIG, MIG, FCAW and Air Carbon Arc Cutting and Gouging. With additional accessories the XMT can also perform Pulsed MIG and TIG welding. The XMT 304 is commonly used with the Miller line of Suitcase Feeders to provide a reliable and durable solution to construction MIG and FCAW Welding.

Air Carbon Arc Electrode Size

Power Source	Single Power Source
XMT 304	Up to 1/4 in

Specifications (Subject to change without notice.)



Model	Input Power to Rack	Welding Power Source	Rack Capacity	Dimensions	Weight
XMT 304 Rack	230 or 460 VAC, 60 Hz, 3-Phase*	XMT 304 CC/CV	4 or 6 Units	H: 59-3/8 in (1508 mm) W: 43 in (1092 mm) D: 34-3/8 in (873 mm)	4-Rack 560 lb (254 kg)
	460 or 575 VAC, 60 Hz, 3-Phase				6-Rack 712 lb (323 kg)

*Fuses included for 460 or 575 (if applicable) operation. Only for empty rack orders is it required to order the appropriate fuse kit.

XMT 350 Rack



The XMT 350 is the newest addition to the Miller line of Multiple Operator Inverter Racks.

The XMT 350 provides the same multi-process capability of the XMT 304 with the added benefits of a higher output (350 A) and patented Auto-Line™ Technology (208–575 V input with no linking). This means no lost set up time, no annoying arc outages or trips due to line voltage fluctuations and elimination of power source failures due to incorrect manual linking. Two versions of XMT 350 racks are available, preconfigured from the factory. The XMT 350 VS rack is a simplified version of the

full-featured XMT 350 CC/CV rack model and is ideal for construction or fabrication applications utilizing voltage-sensing wire feeders without remote control. The XMT 350 VS power supply provides true CV MIG welding capability and superior CC Stick and TIG welding capability, like the full-featured CC/CV model but does not provide a remote control receptacle.

Note: The higher output of the XMT 350 provides for operation of larger diameter FCAW electrodes commonly used in construction and shipbuilding applications.

Air Carbon Arc Electrode Size

Power Source	Single Power Source
XMT 350	Up to 5/16 in
XMT 456	Up to 3/8 in

Specifications (Subject to change without notice.)



Model	Input Power to Rack	Welding Power Source	Rack Capacity	Dimensions	Weight
XMT 350 Rack	208–575 VAC, 50/60 Hz, 3-Phase, with Auto-Line*	XMT 350 VS	4 or 6 Units	H: 64 in (1626 mm) W: 43 in (1092 mm) D: 34-3/8 in (873 mm)	4-Rack 599 lb (272 kg)
		XMT 350 CC/CV			6-Rack 759 lb (344 kg)

*Fuses included for 460 or 575 (if applicable) operation. Only for empty rack orders is it required to order the appropriate fuse kit.

Customize Your System with Other Popular Miller Inverters

XMT® 304 CC/CV



XMT® 350 CC/CV
XMT® 350 VS



XMT® 456 CC/CV



Invision™ 354MP



Invision™ 456P



Invision™ 456MP

Empty Inverter Rack

#195 466 208–575 VAC

XMT® 304 CC/CV

#903 471 208-230/460 VAC

#903 471-01-1 w/Auxiliary Power

#903 473 460/575 VAC

XMT® 350 CC/CV

#907 161 208–575 VAC

#907 161-01-1 w/Auxiliary Power

#907 161-01-4 w/Tweco

XMT® 350 VS

#907 224 208–575 VAC w/Tweco

Multiprocess w/Lift-Arc™

Rack Capacity – 4 or 6 Units

See Lit. Index No. DC/18.8

XMT® 456

#907 010 230/460 VAC

#907 011 575 VAC

#907 012 400 VAC with CE

High Output Multiprocess

Rack Capacity – 4 Units

See Lit. Index No. DC/18.8

Invision™ 354MP

#903 593 208-230/460 VAC

MIG Pulse Capability

Rack Capacity – 4 or 6 Units

See Lit. Index No. DC/23

Invision™ 456P

#903 505 230/460 VAC

#903 546 575 VAC

High Output MIG or Pulse MIG

Rack Capacity – 4 Units

See Lit. Index No. DC/20

Invision™ 456MP

#903 725 230/460 VAC

MIG Pulse Capability

Rack Capacity – 4 Units

See Lit. Index No. DC/23

Note: Any combination of four XMT 456, Invision 456MP or Invision 456P power sources, or six XMT 304, XMT 350 or Invision 354MP power sources will fit into an empty XMT Rack. Order fuse kit separately for appropriate power supply and intended primary voltage (see chart below).

LINE FUSE SIZE REQUIREMENTS

Product	Input Voltage (3-phase)	Recommended Line Fuse Size (Amps)	Miller Replacement Parts		Bussman	
			Fuse Kit #		Individual Fuse Part #	Individual Fuse Part #
			4 Pack Rack	6 Pack Rack		
XMT 350 XMT 304	208 VAC	45 A	220764	220763	220075	TCF-45
	230 VAC					
	460 VAC	20 A				
575 VAC						
XMT 456	460 VAC	30 A	220767	Incompatible	220768	TCF-30
	575 VAC					

*Rack is supplied with 20 A fuses.