

# XMT Racks

Issued March 2005 • Index No. DC/18.81

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.

MADE IN **USA**  
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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.

### 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)	<b>4-Rack</b> 560 lb (254 kg)
	460 or 575 VAC, 60 Hz, 3-Phase				<b>6-Rack</b> 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.

### Air Carbon Arc Electrode Size

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

## 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.*

### 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)	<b>4-Rack</b> 599 lb (272 kg)
		XMT 350 CC/CV			<b>6-Rack</b> 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.

### Air Carbon Arc Electrode Size

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

## 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 575 VAC	20 A	220766*	220765*	220074	TCF-20
XMT 456	460 VAC	30 A	220767	Incompatible	220768	TCF-30
	575 VAC					

\*Rack is supplied with 20 A fuses.

# Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
<i>Note: These Inverter Racks are not suitable with older inverter models.</i>				
<b>Racks and Options</b>				
<b>XMT 304 Rack</b>	#907 292	CC/CV, 230/460 VAC, 4-Rack		
	#907 293	CC/CV, 460/575 VAC, 4-Rack		
	#907 291	CC/CV, 230/460 VAC, 6-Rack		
	#907 294	CC/CV, 460/575 VAC, 6-Rack		
<b>XMT 350 Rack</b>	#907 227	VS, 208–575 VAC, 4-Rack		
	#907 228	VS, 208–575 VAC, 6-Rack		
	#907 231	CC/CV, 208–575 VAC, 4-Rack		
	#907 232	CC/CV, 208–575 VAC, 6-Rack		
<b>Empty XMT Rack</b>	#195 466	208–575 VAC. See page 3 for power source compatibility <i>Note: Order <b>required</b> fuse kit below for appropriate primary voltage.</i>		
Fuses	#220 674	208/230 V, 45 A, 4-Pack Fuse Kit		
	#220 763	208/230 V, 45 A, 6-Pack Fuse Kit		
	#220 075	45 A, Individual Fuse		
	#220 766	460/575 V, 20 A, 4-Pack Fuse Kit		
	#220 765	460/575 V, 20 A, 6-Pack Fuse Kit		
	#220 074	20 A, Individual Fuse		
	#220 767	460/575 V, 30 A, 4-Pack Fuse Kit		
	#220 768	30 A, Individual Fuse		
<b>XMT Rack Power Source Options</b>				
XMT® 304 CC/CV	#903 471	208-230/460 VAC with Auto-Link®		
	#903 471-01-1	208-230/460 VAC with Auto-Link® and Auxiliary Power		
	#903 473	460/575 VAC with Auto-Link®		
	#903 472	400 VAC, 50/60 Hz with Auxiliary Power and <b>CE</b>		
	#903 522	400 VAC, 50/60 Hz		
XMT® 350 CC/CV	#907 161	208–575 VAC with Auto-Line™		
	#907 161-01-1	208–575 VAC with Auto-Line™ and Auxiliary Power		
	#907 161-01-4	208–575 VAC with Auto-Line™ w/Tweco		
	#907 161-01-2	230–400 VAC with Auto-Line™ and Auxiliary Power and <b>CE</b>		
XMT® 350 VS	#907 224	208–575 VAC with Auto-Line™ (without 14-pin connector) w/Tweco		
XMT® 456 CC/CV	#907 010	230/460 VAC		
	#907 010-01-1	230/460 VAC with Remote On/Off		
	#907 011	575 VAC		
	#907 012	400 VAC with <b>CE</b>		
Invision™ 354MP	#903 593	208-230/460 VAC with Auto-Link®		
	#903 593-01-1	208-230/460 VAC with Auxiliary Power		
	#907 057	460/575 VAC		
Invision™ 456P	#903 505	230/460 VAC		
	#903 546	575 VAC		
Invision™ 456MP	#903 725	230/460 VAC		
	#903 598	400 VAC		
<b>Wire Feeders</b>				
SuitCase™ 8VS	#194 890	See Lit. Index No. M/6.4		
SuitCase™ X-TREME™ 12VS	#195 500	See Lit. Index No. M/6.41		
<b>Accessories</b>				
Rack Running Gear	#195 114	For all XMT and CST racks		

Date: Total Quoted Price:



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