

# XMT® Racks

**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 six XMT 304/350 power sources  
Allows up to four XMT 450 power sources

**Empty Rack Weight** 256 lb. (116 kg)

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

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

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

**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.

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

**Rugged steer skids** stand up to the rugged construction environment.

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

**Isolated work terminal** provides a convenient connection point for common workpiece construction.

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



XMT 350 6-Pack Rack



Deploy multiple welding arcs with one primary power connection and one transportation move



Built to last in harsh industrial environments



Improved weld quality



Warranted for 3 years parts and labor.



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## Additional Features

**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 fuses** to provide primary power line protection for each inverter power supply on 460 VAC. XMT 350 Racks include 20 A fuses, XMT 450 Racks include 30 A fuses. (575 VAC operation, if applicable, also utilizes the same fuses as 460 VAC operation).

**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.

**Custom build your own system** by mix and matching XMT® 304, 350, 450 CC/CV, 350 VS, 350 MPa and 450 MPa. Rack holds a maximum of four of the XMT 450 models.

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

## XMT® 350 Rack



**The XMT 350 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. The XMT 350 is commonly used with the Miller® line of SuitCase® feeders to provide a reliable and durable solution for construction.

### Air Carbon Arc Electrode Size

Power Source	Single Power Source
XMT 350	Up to 5/16 in.

## Specifications (Subject to change without notice.)



Input Power to Rack	Welding Power Source	Rack Capacity	Dimensions	Weight
208–575 VAC, 50/60 Hz, 3-Phase, with Auto-Line*	XMT 350 VS XMT 350 CC/CV	4 or 6 Units	H: 59.375 in. (1508 mm) W: 43 in. (1092 mm) D: 34.375 in. (873 mm)	<b>4-Rack</b> 599 lb. (272 kg) <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.

## XMT® 450 Rack



**The XMT 450 is the newest addition to our line of multiprocess inverter racks.**

The XMT 450 provides the same multiprocess capability as the XMT 350 with the added benefit of a higher output (450 A at 100 percent duty cycle). The XMT 450 Rack is available in two primary voltages (230/460 V and 575 V). The 230/460 V model leaves the factory linked and fused for 460 operation.

### Air Carbon Arc Electrode Size

Power Source	Single Power Source
XMT 450	Up to 3/8 in.

## Specifications (Subject to change without notice.)



Input Power to Rack	Welding Power Source	Rack Capacity	Dimensions	Weight
230/460 VAC, 60 Hz, 3-Phase* 575 VAC, 60 Hz, 3-Phase	XMT 450 CC/CV	4 Units	H: 59.375 in. (1508 mm) W: 43 in. (1092 mm) D: 34.375 in. (873 mm)	780 lb. (354 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 Different XMT® Inverters

**XMT 304 CC/CV**



**XMT 350 CC/CV**



**XMT 350 MPa**



**Empty Inverter Rack**  
#195 466 208–575 VAC

*Note: Any combination of four XMT 450 power sources, or six XMT 304 or XMT 350 power sources will fit into an empty XMT Rack. Order fuse kit separately for appropriate power supply and intended primary voltage (see chart below).*



**XMT 350 VS**



**XMT 450 CC/CV**



**XMT 450 MPa**

**XMT 304 CC/CV** (Lit. Index No. DC/18.8)  
#903 471 208-230/460 VAC  
#903 471-01-1 w/Auxiliary Power  
Rack Capacity – 4 or 6 Units

**XMT 350 VS** (Lit. Index No. DC/18.83)  
#907 224 208–575 VAC w/Twoeco®  
Multiprocess w/Lift-Arc™  
Rack Capacity – 4 or 6 Units

**XMT 350 CC/CV** (Lit. Index No. DC/18.83)  
#907 161 208–575 VAC  
#907 161-01-1 w/Auxiliary Power  
#907 161-01-4 w/Twoeco®  
Rack Capacity – 4 or 6 Units

**XMT 450 CC/CV** (Lit. Index No. DC/18.83)  
#907 481 230/460 VAC  
#907 482 575 VAC  
Rack Capacity – 4 Units

**XMT 350 MPa** (Lit. Index No. DC/18.84)  
#907 366 208–575 VAC  
#907 366-01-4 w/Twoeco®  
MIG Pulse Capability  
Rack Capacity – 4 or 6 Units

**XMT 450 MPa** (Lit. Index No. DC/18.84)  
#907 479 230/460 VAC  
#907 480 575 VAC  
MIG Pulse Capability  
Rack Capacity – 4 Units

## 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 450	460 VAC 575 VAC	30 A	220767	Incompatible	220768	TCF-30

\*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>XMT® Racks and Options</b>				
<b>XMT 304 Rack</b>	<b>#907 292</b>	4-pack CC/CV, 230/460 VAC		
	<b>#907 291</b>	6-pack CC/CV, 230/460 VAC		
<b>XMT 350 Rack</b>	<b>#907 228</b>	6-pack VS, 208–575 VAC, fused 460/575 V, Tweco®		
	<b>#907 231</b>	4-pack CC/CV, 208–575 VAC, fused 460/575 V, Dinse		
	<b>#907 232</b>	6-pack CC/CV, 208–575 VAC, fused 460/575 V, Dinse		
	<b>#907 407</b>	4-pack CC/CV, 208–575 VAC, fused 460/575 V, Tweco®		
	<b>#907 406</b>	6-pack CC/CV, 208–575 VAC, fused 460/575 V, Tweco®		
	<b>#907 410</b>	4-pack MPa, 208–575 VAC, fused 460/575 V, Tweco®		
<b>XMT 450 Rack</b>	<b>#907 607</b>	4-pack CC/CV, 230/460 VAC, fused 460 V		
	<b>#907 608</b>	4-pack CC/CV, 575 VAC, fused 575 V		
<b>Empty XMT Rack</b>	<b>#195 466</b>	208–575 VAC. See page 3 for power source compatibility <i>Note: Order <b>required</b> fuse kit below for appropriate primary voltage.</i>		
<b>Fuses</b>	<b>#220 674</b>	208/230 V, 45 A, 4-Pack Fuse Kit		
	<b>#220 763</b>	208/230 V, 45 A, 6-Pack Fuse Kit		
	<b>#220 075</b>	45 A, Individual Fuse		
	<b>#220 766</b>	460/575 V, 20 A, 4-Pack Fuse Kit		
	<b>#220 765</b>	460/575 V, 20 A, 6-Pack Fuse Kit		
	<b>#220 074</b>	20 A, Individual Fuse		
	<b>#220 767</b>	460/575 V, 30 A, 4-Pack Fuse Kit		
	<b>#220 768</b>	30 A, Individual Fuse		
<b>XMT Rack Power Source Options</b>				
<b>XMT 304 CC/CV</b>	<b>#903 471</b>	208-230/460 VAC with Auto-Link®		
	<b>#903 471-01-1</b>	208-230/460 VAC with Auto-Link® and Auxiliary Power		
<b>XMT 350 VS</b>	<b>#907 224</b>	208–575 VAC with Auto-Line™ (without 14-pin connector), Tweco®		
<b>XMT 350 CC/CV</b>	<b>#907 161</b>	208–575 VAC with Auto-Line™		
	<b>#907 161-01-1</b>	208–575 VAC with Auto-Line™ and Auxiliary Power		
	<b>#907 161-01-4</b>	208–575 VAC with Auto-Line™, Tweco®		
<b>XMT 450 CC/CV</b>	<b>#907 481</b>	230/460 VAC		
	<b>#907 482</b>	575 VAC		
<b>XMT 350 MPa</b>	<b>#907 366</b>	208–575 VAC with Auto-Line™		
	<b>#907 366-01-4</b>	208–575 VAC with Auto-Line™, Tweco®		
<b>XMT 450 MPa</b>	<b>#907 479</b>	230/460 VAC		
	<b>#907 480</b>	575 VAC		
<b>Wire Feeders</b>				
<b>SuitCase® X-TREME™ 8VS</b>	<b>#951 182</b>	See Lit. Index No. M/6.41		
<b>SuitCase® X-TREME™ 12VS</b>	<b>#951 583</b>	See Lit. Index No. M/6.42		
<b>Accessories</b>				
<b>Rack Running Gear</b>	<b>#195 114</b>	For all XMT and CST racks		

Date:

Total Quoted Price:

Distributed by:

