



AX-S EQUIPMENT ACCESS SYSTEM

Middle Atlantic Products, Inc.**(For Steel Cabinets)**

Patented

SEISMIC RATED

EIA Compliant

Delivered as an assembled system in modified MRK, WRK-SA, or ERK enclosures, our AX-S system for steel racks allows equipment bays to be placed up against walls or back-to-back, thereby putting an end to the dilemma posed by space-limiting environments. That translates into a savings of six square feet of floor space per rack!

Features

- Simplifies equipment servicing
- Shortens installation and service time
- Various sizes available - see chart on page 3
- AX-S system frame depth is 20" (front to rear rail)
- Articulating cable carriers provide effective cable management
- Rough-in pan pre-installed
- Service tracks and leveler are both quick and simple to use
- Gangable when purchased with MRK series gangable racks
- Ball bearings allow the rack frame to roll out effortlessly
- 650 pound capacity
- An AX-S installed in our MRK series rack satisfies the Uniform Building Code seismic zone 4 requirements for protecting 500 lbs. of essential equipment when used with AXS-Z4 option



MRK-4426AXS
shown in
service position

Architects' and Engineers' Specifications

- AX-S System part numbers shall be as stated on page 3. (Dependent on style of MRK, WRK-SA, or ERK host unit)

The following shall be included in an AX-S system:

- A modified welded host cabinet (MRK, WRK-SA, or ERK series)
- The AX-S frame shall be constructed of the following materials:
 1. Rack Rail (2 pair) shall be 11 gage steel, with tapped 10-32 holes in universal E.I.A. spacing.
 2. Top shall be 13 gage steel
 3. Base shall be 13 gage steel
 4. Caster brackets shall be 13 gage steel
 5. Horizontal braces shall be 13 gage steel
- The AX-S Rough-in Pan shall be constructed of the following:
 1. Rough-in Pan base shall be 14 gage steel

2. Welded Caster Track shall be 16 gage steel
- The AX-S Cable Carriers shall be constructed of the following :
 1. Cable Carrier shall be 16 gage steel
 2. Center Hinge shall be 10 gage steel
 3. 2 lower hinges shall be 16 gage steel
 - Finish on the AX-S assembly shall be flat black powder coat
 - Trim panels (top & bottom) shall be 11 gage Aluminum, with a brushed black anodized finish

Options

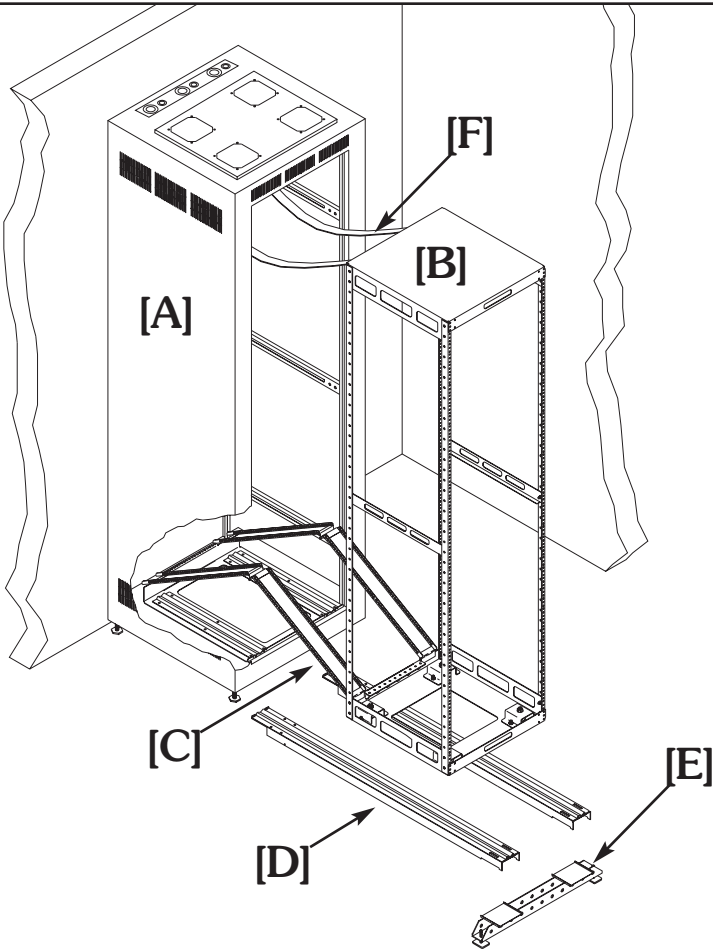
FOR RACKS- Please see the A&E spec sheet for the host rack (MRK, WRK-SA, or ERK series)

FOR SERVICE - Service tracks and track leveler

- Service Tracks shall be constructed of 16 gage steel Part # TRACK50
- Adjustable track leveler fits TRACK50 Part # TRACKL

The RACK SYSTEM EXPERTS

**EXPLODED VIEW
(EXTENDED WITH SERVICE STAND)**



[A] WRK-SA, MRK, or ERK enclosure

[B] Detachable rack frame

[C] Articulating cable carriers

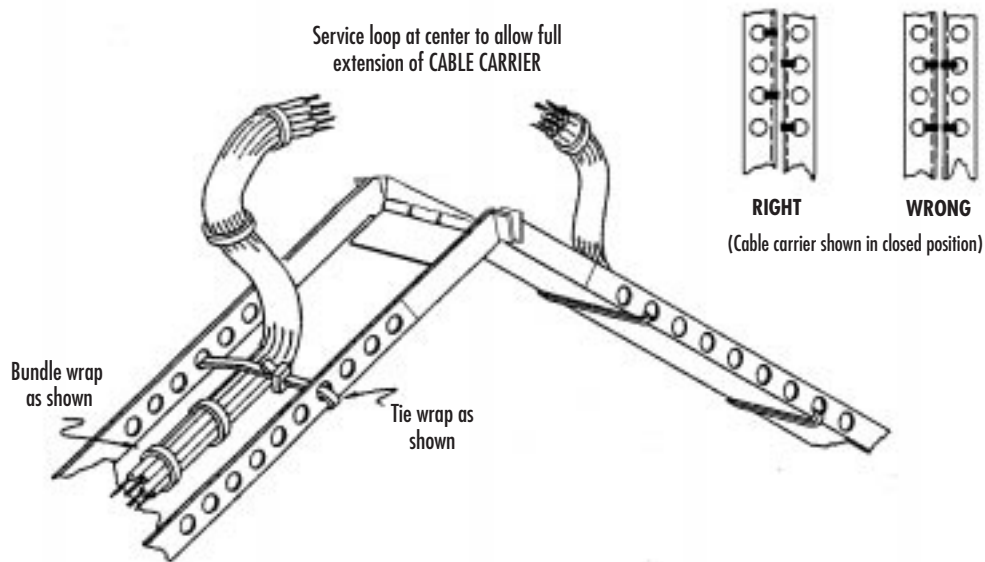
[D] Service tracks

[E] Track leveler

[F] Restraining straps

AX-S CABLE CARRIER

Service loop at center to allow full extension of CABLE CARRIER

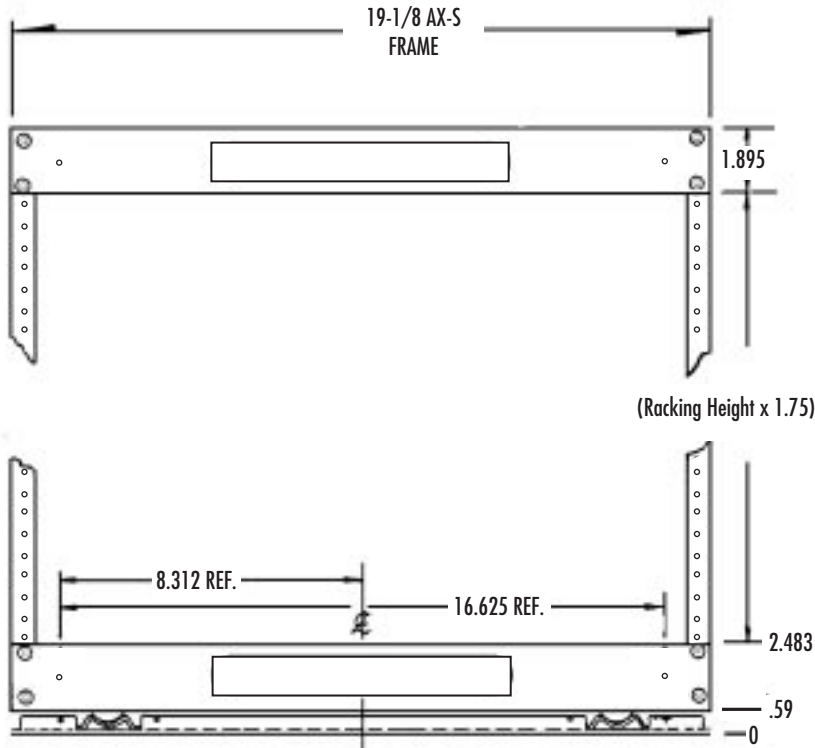


RIGHT

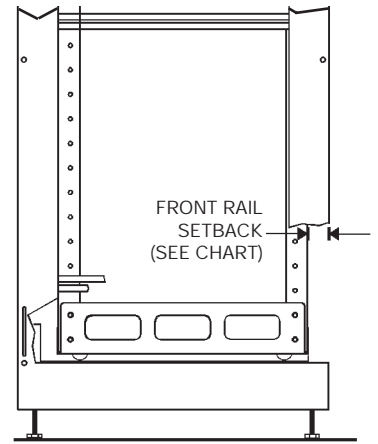
WRONG

(Cable carrier shown in closed position)

FRONT VIEW (AX-S INNER FRAME)



SETBACK



NOTE:

To calculate rail to door clearance, use the numbers in the chart below in conjunction with the door clearance found in the host cabinets A&E Specification sheet.

MODEL	USABLE RACKING HEIGHT	HOST CABINET O.D. HEIGHT	HOST CABINET O.D. WIDTH	HOST CABINET O.D. DEPTH	FACTORY RAIL SETBACK* (SEE NOTES)
MRK-4426AXS	41	83.125	22.0**	26.4	1.5
MRK-4026AXS	37	76.125	22.0**	26.4	1.5
MRK-3726AXS	34	70.875	22.0**	26.4	1.5
MRK-4431AXS	41	83.125	22.0**	31.4	1.5
MRK-4031AXS	37	76.125	22.0**	31.4	1.5
MRK-3731AXS	34	70.875	22.0**	31.4	1.5
WRK-44SA27AXS	41	83.125	24.25	27.5	.75
WRK-40SA27AXS	37	76.125	24.25	27.5	.75
WRK-37SA27AXS	34	70.875	24.25	27.5	.75
ERK-4425AXS	41	83.125	22.0	25.0	.625
ERK-3525AXS	32	65.375	22.0	25.0	.625

* This is the stock RAIL SETBACK from the factory, for special knob clearance requirements for front doors, please call.

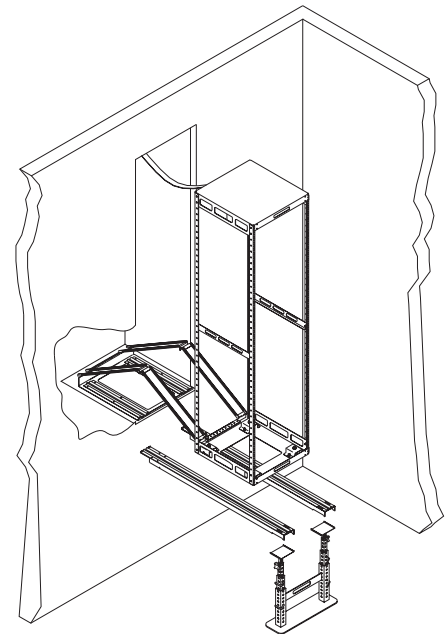
** Side panels add .625" to each side where applicable.

* Factory installed in the following:

- WRK-SA Series
- MRK Series
- ERK Series

See chart on pg. 3 for available sizes, rack space applications and rail set back requirements.

- For customer installation in wood framing application, please see A&E Specification #96-055 M



AX-S for Millwork also available (exploded view)

BASIC OVERVIEW OF SERVICE TRACK INSTALLATION

1. Place Service Track on face edge of enclosure
2. Place opposite end of Service Track on Track Leveler (engage cut-out in saddle) Rough adjust both sides for level using screw type leveling feet
3. Secure Tracks to Rough-in Pan using screws and ball driver provided
4. Fine adjust Track Leveler to obtain level using attached bubble levels

CABLE TYING TIPS

1. Extend cable carriers fully.
2. Lay wires down in channel.
3. Tie wires in bundle.
4. Tie bundle to channel.
5. Leave service loop at center to allow for fold-up.