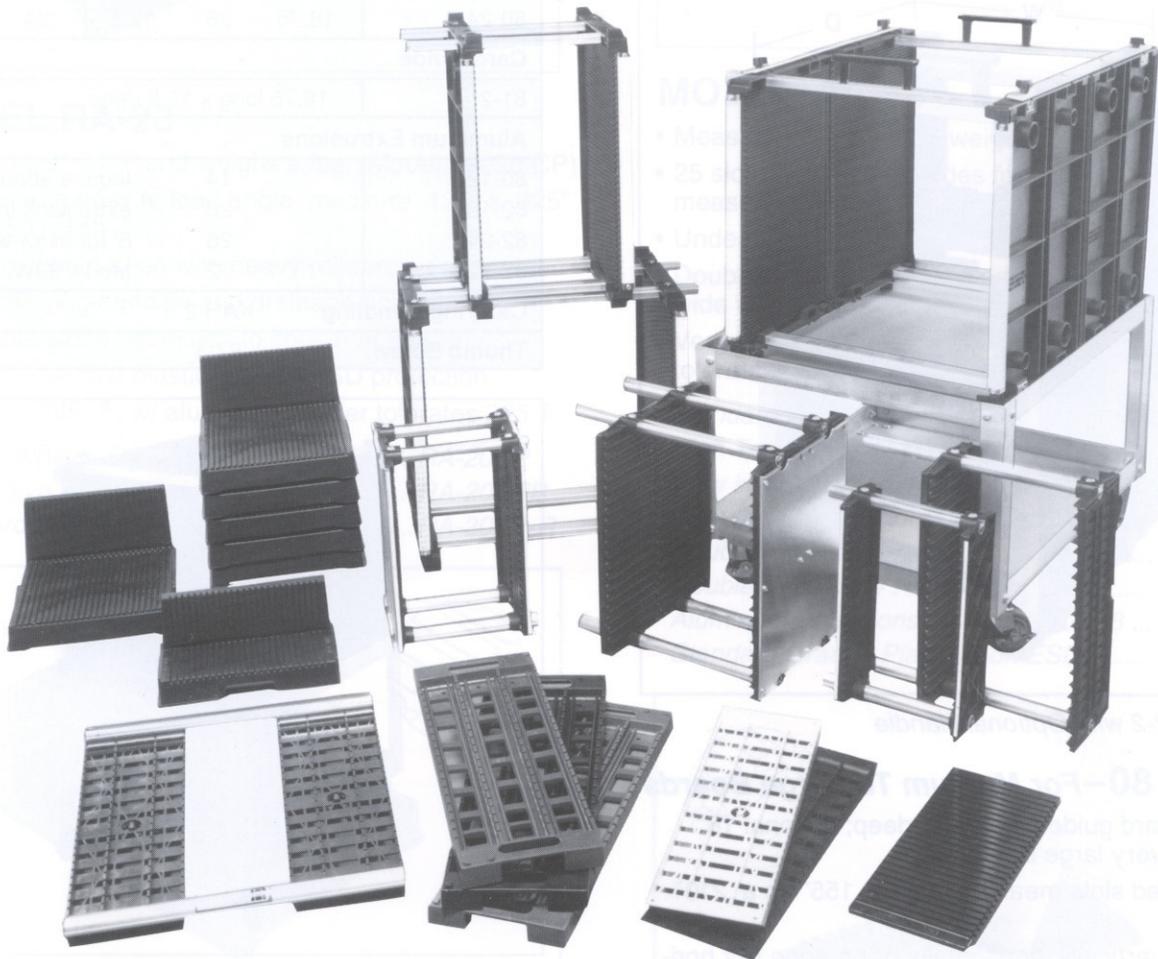


CIRCUIT BOARD  
ASSEMBLY &  
HANDLING

# Solutions

## *PCB Storage & Transport Racks*

*Horizontal or Vertical Handling, Assembled or Bare Boards,  
Adjustable or Universal, ESD Safe Material.*



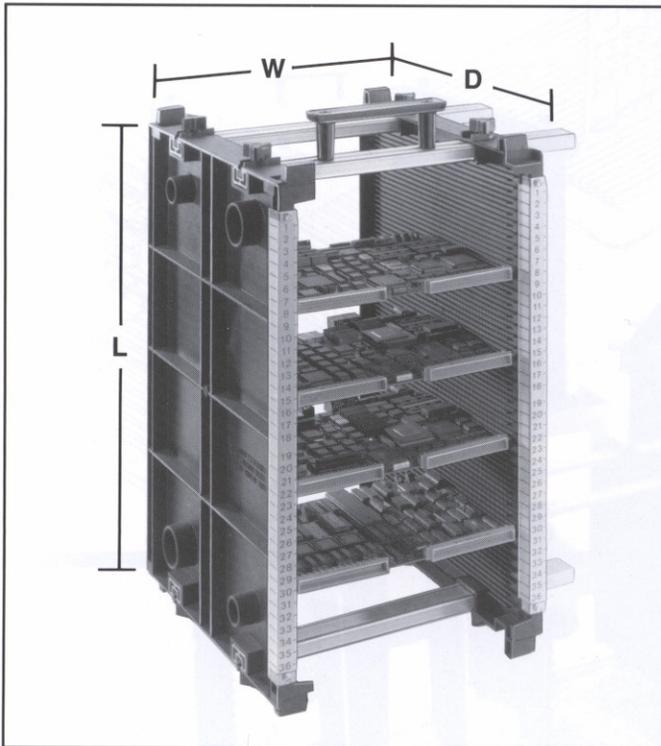
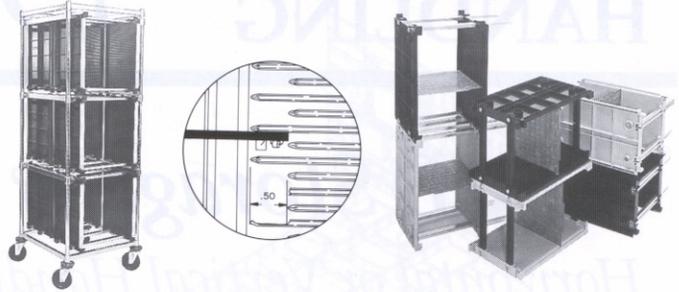
Fancort's growing family of PCB handling racks offers an extremely broad selection of designs, sizes and materials to meet most in-plant storage or transport requirements. Contact the factory for the name of your nearby Fancort distributor for more technical assistance or to request a sample.



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# KARRY-ALLS

Fancort **Karry-Alls** hold circuit boards securely on two opposite sides for maximum protection during transport and storage, either horizontally or vertically. Three different models of adjustable **Karry-Alls** are featured, each with a different injection molded card guide to handle small, medium, large, very large and hard to hold boards. All card guides have a rigid board stop and are molded in tough, reinforced conductive polypropylene which meets Mil Spec #B-81705-B for static discharge. The standard **Karry-Alls** can tolerate all solvents and temperatures to 185°F. They are very easy to set up with rigid tubular aluminum extrusions and non-rotating nuts with large plastic thumb screws that lock into the extrusions.



Model 80-12-2 with Optional Handle

## MODEL 80—For Medium To Large Boards

- Standard card guides are 12.5" deep; optional 18" guides for very large boards
- 75 numbered slots measure .110" x .155" on a .210" pitch
- Stackable vertically, horizontally or on edge (for horizontal stacking order 1/4-20 truss head screws; specify #HW 410)
- Easy board insertion with offset ribs
- Steel stiffeners and molded ribbing prevents flexing of card guides
- Easy locking thumb screws
- Fits many standard transport carts for horizontal transport
- Extrusions can be ordered in any custom length for special applications
- For baking board order #80-12-2B or 80-18-2B (225° F)
- Weighs only 8 lbs. (Model 80-12-2)

Conductive Part Number	Overall Dimensions			Board Capacity	
	L	W	D	W	D
80-12-2	18.75	14	12.5	12	12
80-18-2	18.75	20	12.5	18	12
80-24-2	18.75	26	12.5	24	12
Card Guide					
81-2	18.75 long x 12.5 deep				
Aluminum Extrusions					
80-12	14		Inquire about using extrusions from 4' to 8' for extra-wide Model 80W.		
82-18	20				
82-24	26				
82-72	72				
Carrying Handling		KAH-2			
Thumb Screw		87-1			



Model 80-18-24 with Transport Dolly

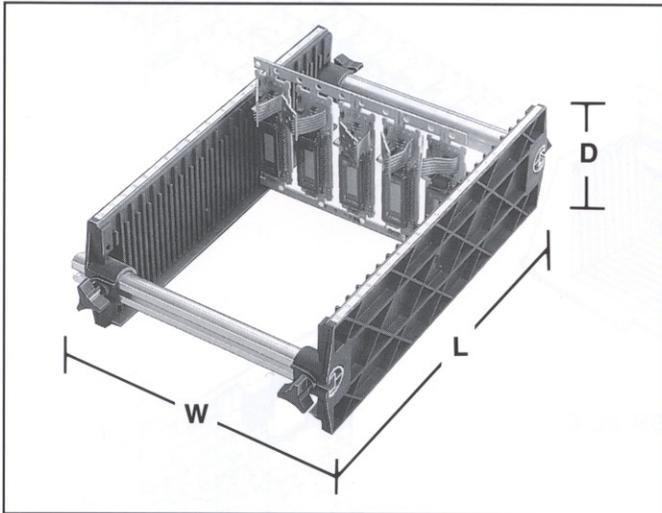
## DEEP MODEL 80—For Large Boards

When handling very large boards, the Deep Model 80 is recommended. It comes with two carrying handles and the optional dolly with two locking casters and two swivel casters is ideal for transporting this rack.

Part Number	Overall Dimensions			Board Capacity	
	L	W	D	W	D
80-18-18	18.75	20	18	18	18
80-24-24	18.75	26	24	24	24
85-18-18 or 85-24-24	Transport Dolly				

# KARRY-ALLS

If you're handling small to medium size boards with conventional edges, the 76 **Karry-All** is recommended. This lightweight **Karry-All** uses our smallest card guides which slide and lock easily on round, rigid tubular extrusions. The Model 76 has many storage applications including use in tote boxes, field service kits and storage cabinets.



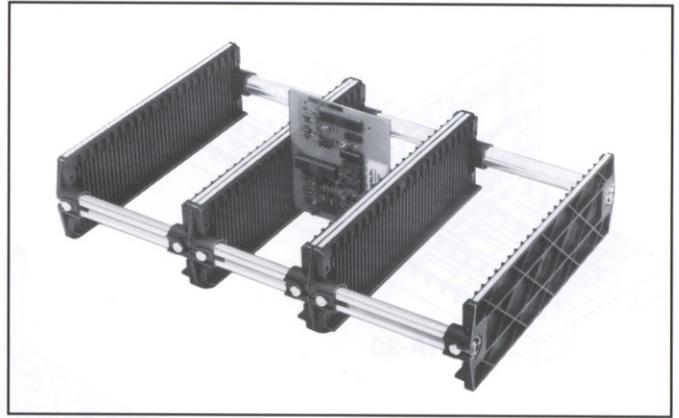
Model 76-8-4 with Standard Thumb Screws

## MODEL 76—For Small To Medium Boards

- Standard card guides are 4" deep; optional 8" double high guides
- 39 numbered slots measure .135" x .135" on a .260" pitch
- Easy board insertion with offset ribs
- Model 76-8-4 fits a standard 16" x 10" tote box
- Optional leg brackets for horizontal storage of 4" deep racks; 8" deep racks can be used without legs
- Optional carrying handle
- Optional high temp card guides tolerate 275° F\*
- Weighs only 1.3 lbs. (Model 76-8-4)

Model Number	Overall Dimensions			Board Capacity	
	L	W	D	W	D
76-8-4CP	13.25	9	4	8	6
76-8-8CP	13.25	9	8	8	10
76-14-4CP	13.25	15	4	14	6
76-14-8CP	13.25	15	8	14	10
76-20-4CP	13.25	21	4	20	6
77-4CP Card Guide	13.25 long x 4 deep				
77-8CP Card Guide	13.25 long x 8 deep				
KAU-8 Extrusion	9" long				
KAU-14 Extrusion	15" long				
KAU-20 Extrusion	21" long				
KAU-72 Extrusion	72" long				
Carrying Handle	KAH-2				
Legs For Horizontal Storage	KAL-1				
Thumb Screw	87-1				

\*For High Temp **KARRY-ALLS** and Card Guides, specify CPT instead of CP, for example, Model 76-14-4CPT.



Model 76-20-4 with Four Additional Card Guides



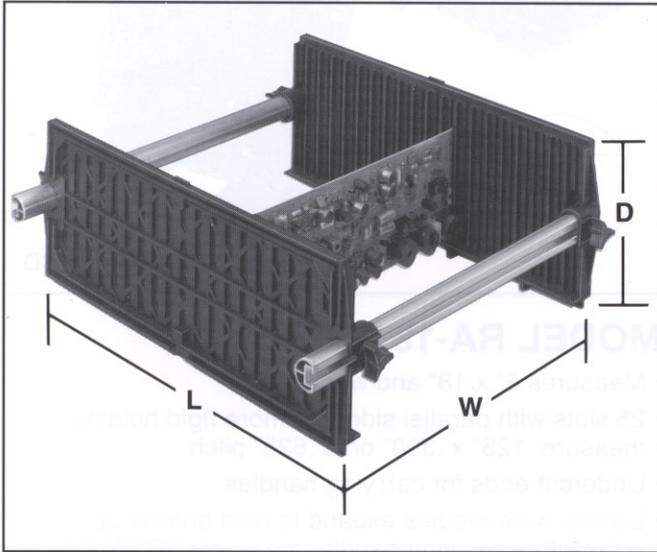
Model 76-8-4 with Optional Legs and Carrying Handle



Model 76-8-8 Inside a 16" x 10" Tote Box

# KARRY-ALLS

If you're handling medium sized boards, boards with components along the edge, or wish to use a rack inside of a standard 17" x 21" tote box, the Model 79 **Karry-All** is recommended. The Model 79 uses heavier card guides than the 76 which also slide on round extrusions making them very easy to adjust and lock.

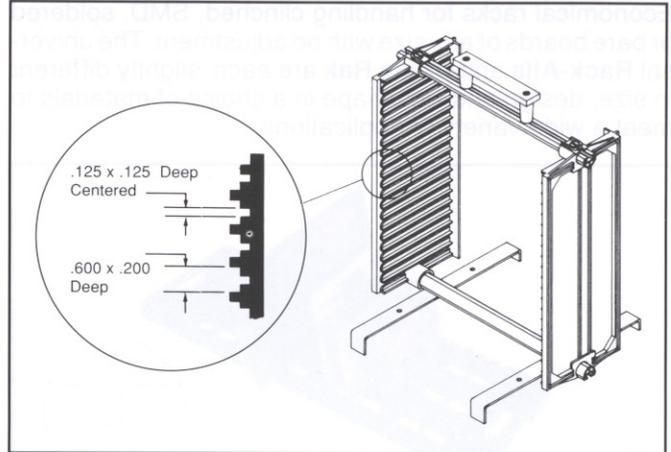


Model 79-14-5 with Standard Thumb Screws

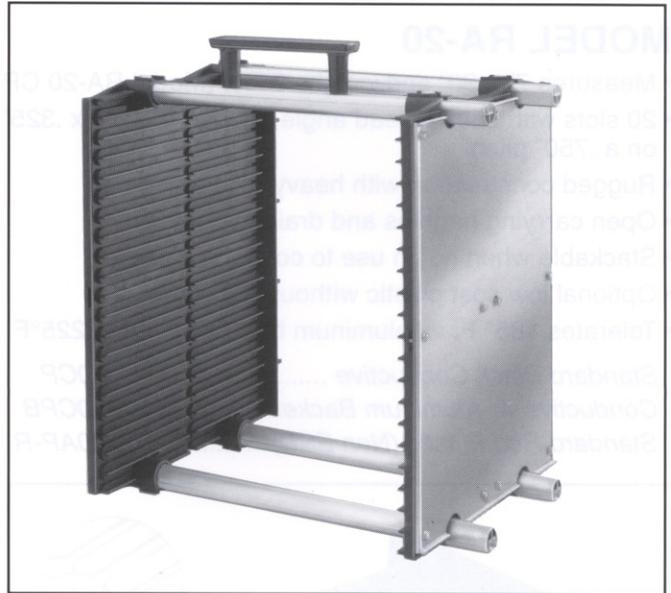
## MODEL 79 – For Medium Boards And Boards With Hard To Hold Edges

- Standard card guides are 5.5"; optional 11" double high guides
- 18 unique double slots measure .125" x .125" inside a .600" x .200" slot for boards with components on the edge
- Model 79-20B-5 or 79-20B-11 fits standard 17" x 21" tote box
- Horizontal storage with leg brackets for 5" deep model; 11" model needs no brackets
- Optional carrying handle
- Weighs only 2.5 lbs. (Model 79-14-4CP)

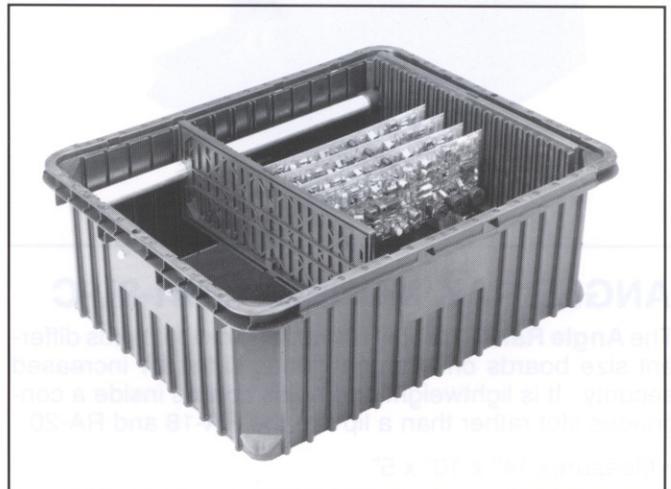
Model Number	Overall Dimensions			Board Capacity	
	L	W	D	W	D
79-8-5 CP	15.25	9	5.50	8	8
79-14-5 CP	15.25	15	5.50	14	8
79-14-11 CP	15.25	15	11	14	15
79-20-5 CP	15.25	21	5.50	20	8
79-20-11 CP	15.25	21	11	20	15
79-5CP Card Guide	15.25 long x 5.5 deep				
79-11CP Card Guide	15.25 long x 11 deep				
KAU-9 Extrusion	9" long				
KAU-15 Extrusion	15" long				
KAU-21 Extrusion	21" long				
Carrying Handle	KAH-2				
Legs For Horizontal Use	KAL-2				
Thumb Screw	87-1				



Model 79-14-5 with Optional Legs and Carrying Handle



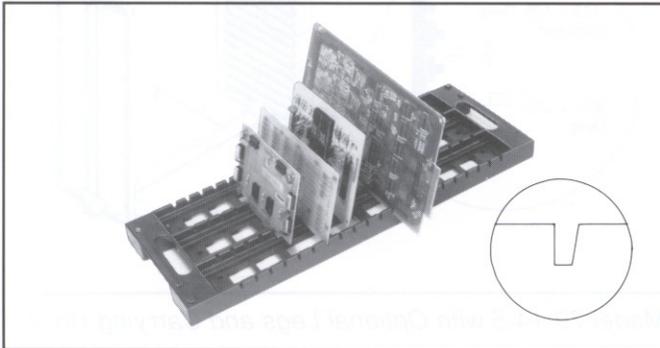
Model 79-14-11 with Optional Carrying Handle



Model 79-20B-5 in a 17" x 21" Tote Box

# UNIVERSAL RACKS

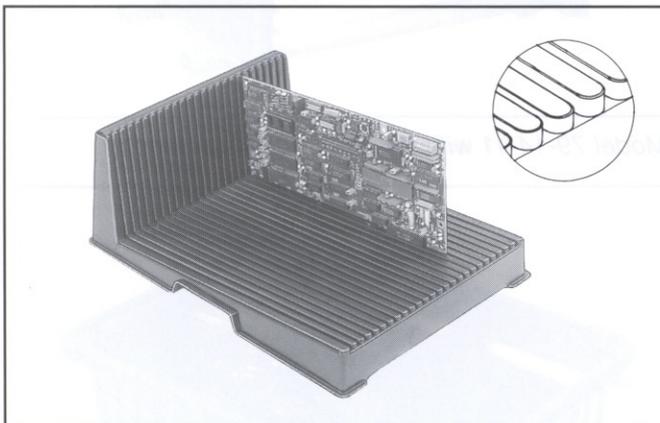
Economical racks for handling clinched, SMD, soldered or bare boards of any size with no adjustment. The universal **Rack-Alls** and **Angle Rak** are each slightly different in size, design and slot shape in a choice of materials to meet a wide variety of applications.



## MODEL RA-20

- Measures 7" x 20" and weighs 2 lbs. (Model RA-20 CP)
- 20 slots with easy to load angle, measure .125" x .325" on a .750" pitch
- Rugged construction with heavy reinforcing ribs
- Open carrying handles and drainage holes
- Stackable when not in use to conserve space
- Optional low cost plastic without ESD protection
- Tolerates 185° F; w/ aluminum backer tolerates 225°F

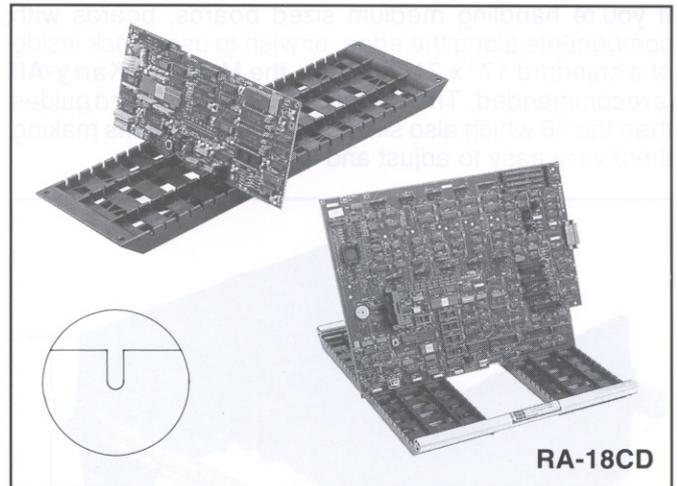
Standard Black Conductive ..... RA-20CP  
 Conductive w/ Aluminum Backer ..... RA-20CPB  
 Standard Red Plastic (Non ESD) ..... RA-20AP-R



## ANGLE RAK MODEL PCBH-2L-C

The **Angle Rak** is the only universal rack that holds different size boards on two contiguous sides for increased security. It is lightweight and holds boards inside a continuous slot rather than a lip like the RA-18 and RA-20.

- Measures 14" x 10" x 5"
- 25 slots measure .100" x .187" on a .400" pitch
- Vertically stackable when not in use
- Drainage holes for use in degreasing
- New smaller model due 11/95, measures 10" x 8" x 4"

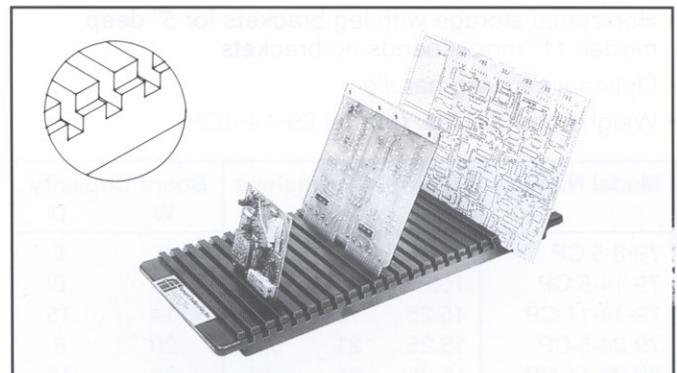


RA-18CD

## MODEL RA-18

- Measures 6" x 18" and weighs .5 lb.
- 25 slots with parallel sides for more rigid holding measure .125" x .300" on a .625" pitch
- Undercut ends for carrying handles
- Double wide models expand to hold boards up to 24" wide with a carrying handle; measures 20" W x 18" L
- Very high temp model for bare board processing tolerates acids, alkalines, and solvents (non-ESD)

Standard Conductive (185° F) ..... RA-18C  
 High Temp Conductive (275° F) ..... RA-18CT  
 Very High Temp Polysulfone (350° F) ..... RA-18HT  
 Double Wide Conductive ..... RA-18CD  
 Double Wide Conductive High Temp ..... RA-18CTD  
 Double Wide Very High Temp ..... RA-18HTD  
 Aluminum Extrusions To Hold 2 RA-18 ..... KAU-20  
 Standard Orange Plastic (non ESD) ..... RA-180

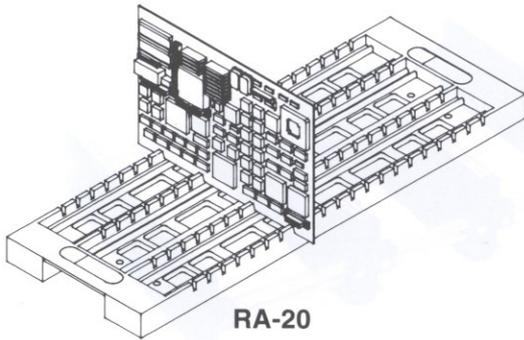


## MODEL RA-14 (non ESD)

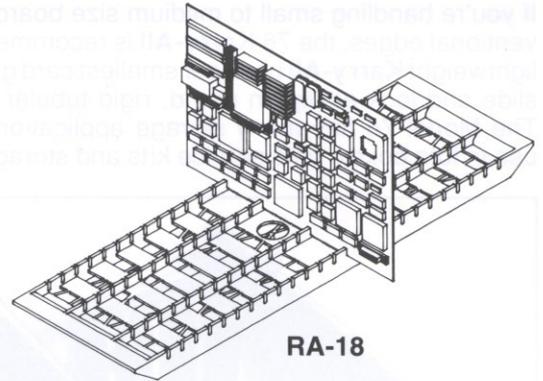
The RA-14 **Rack-All** is designed for baking and chemical resistance and boards that require a large full slot.

- Measures 6" x 14" and weighs 1.7 lbs.
- 25 easy loading large slots measure .180" x .333" on a .500" pitch
- Tolerates 350° F, acids, alkalines and solvents
- Undercut ends for carrying and drainage holes

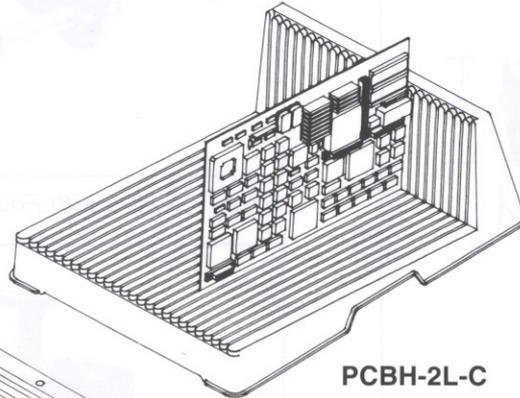
# PRODUCT SELECTOR



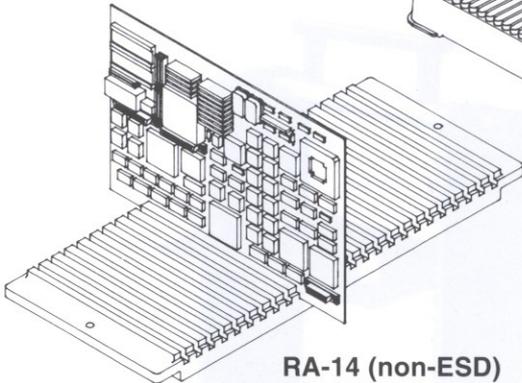
RA-20



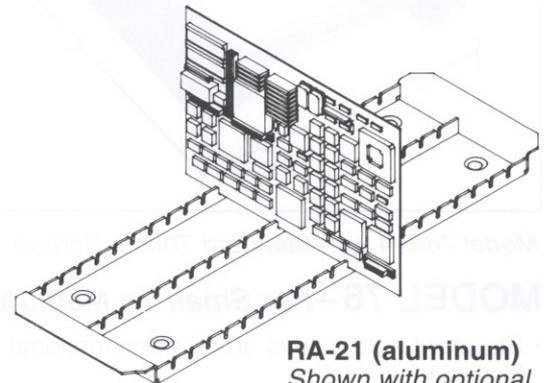
RA-18



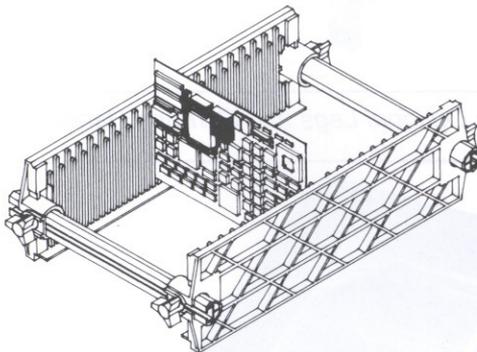
PCBH-2L-C



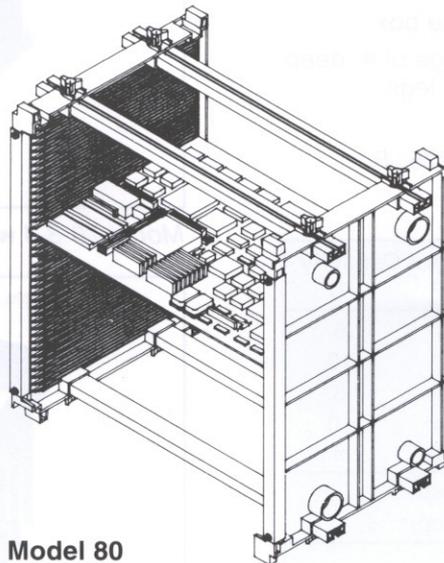
RA-14 (non-ESD)



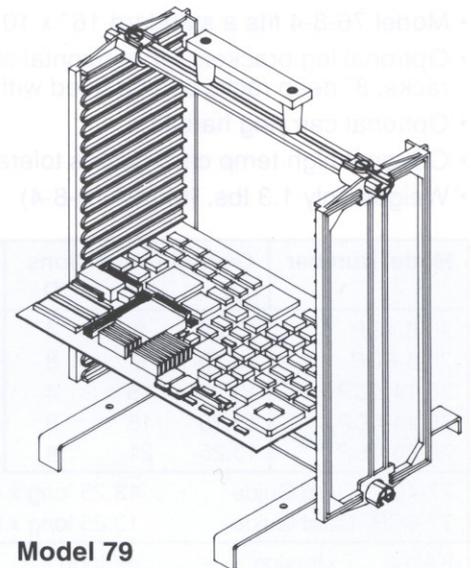
RA-21 (aluminum)  
*Shown with optional  
center divider*



Model 76



Model 80



Model 79



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