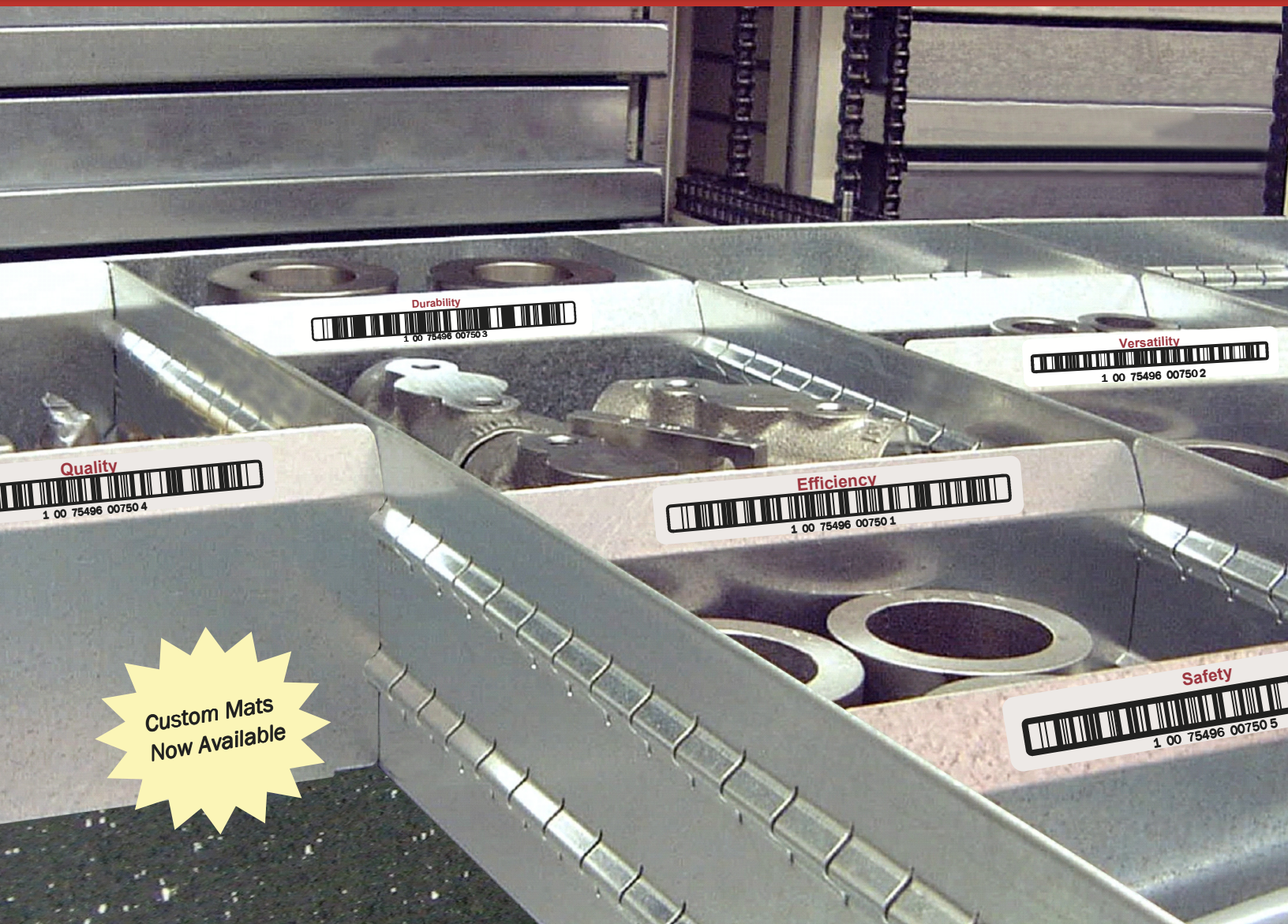
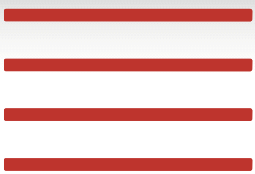


# AS/RS Steel Divider Systems

Vertical Lift / Carousel



Custom Mats  
Now Available



CRC

Metal Products, Inc.

Creative Solutions in Metal

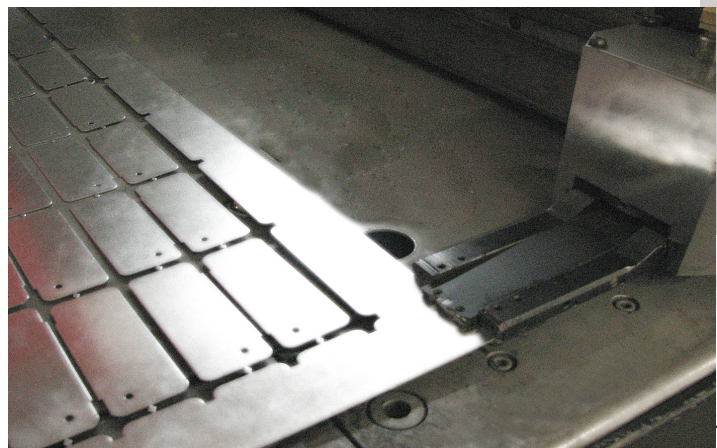
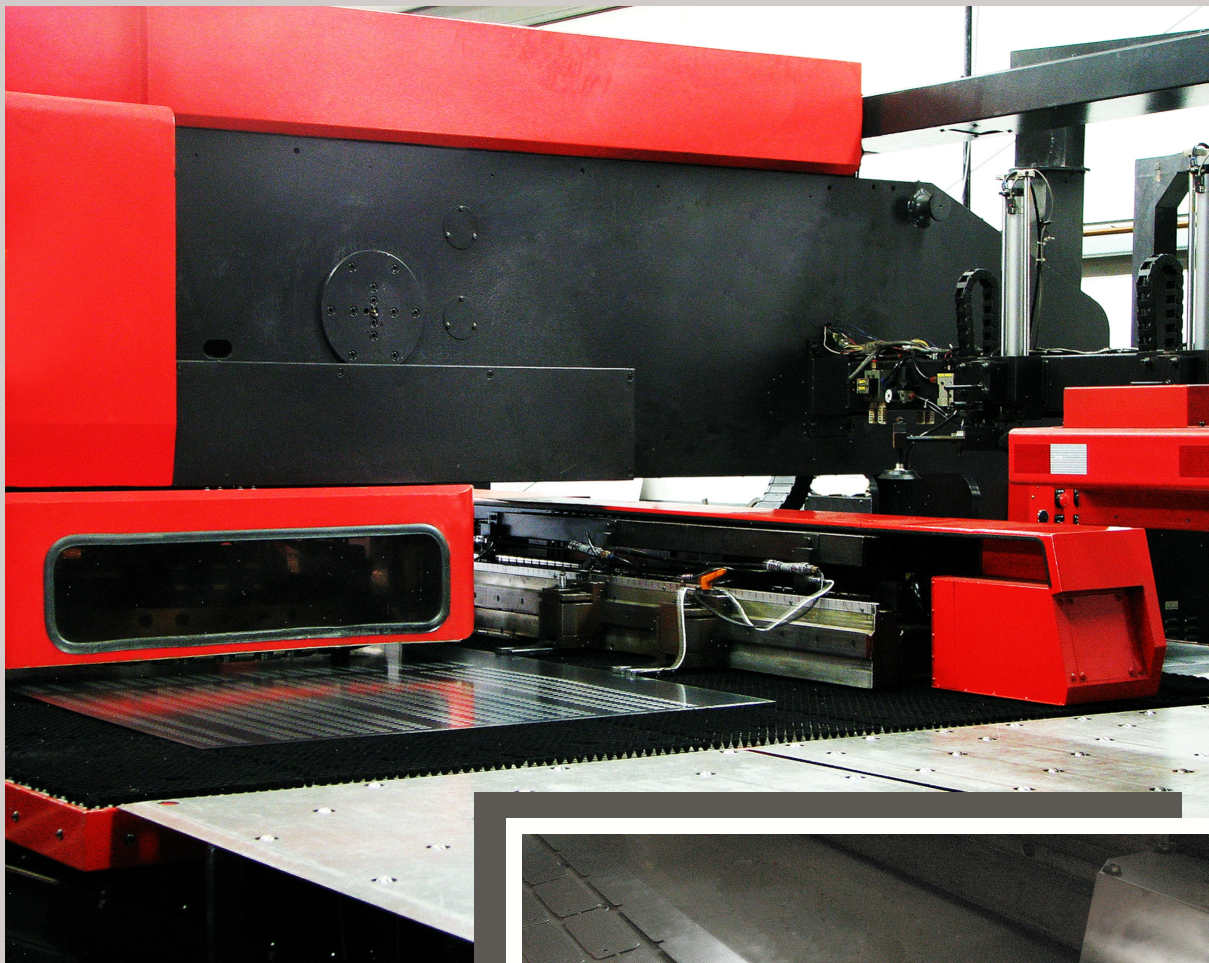


# Start to Finish

**CRC Metal Products, Inc.** began manufacturing steel pan divider systems in 1990. Since then it has developed into an alternative supply chain for domestic and international material handling companies. Together, with automated storage equipment dealers, we are helping optimize workspace environments.

Our company places a focus on quality, precision, and a desire to build the best divider systems possible. Product development and improvements are formed around listening to our customers concerns.

**"Your Needs Are Our Business!"**



*CRC Metal Products, Inc.*

# Table of Contents

## The alternative is here!



AS/RS Machine  
Divider Systems for All  
Types of Machines

**Steel Divider Systems**  
*All parts made in the USA!*



The layout of your organizational plan in your machine can have endless possibilities. We can tailor product to complete your system while being highly versatile.

All of our standard products are made of the highest grade bright galvanized steel or highly durable painted finishes.

**CRC Metal Products, Inc.** not only produces products for the industrial storage industry but manufactures parts to fit office and other storage applications as well.

*Get your project quoted and into production!*

## Table of Contents

**What it Takes** (Pan Layout Calculator) 3-4

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**Cross Dividers** 10

**Product Applications** 11-12

(Trays, Tool Holders & More)

**Accessories** (Pan Mats & More) 13

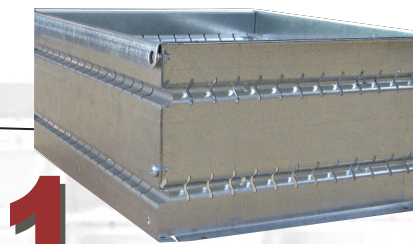
**Policies & Information** 14

*A Leader in Steel Divider Systems*



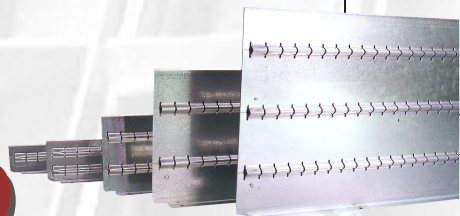
# What it Takes

There are 4 simple components to consider when purchasing the system.



## 1 Pan Perimeters:

- Frame the pan to assist in division & height of your system
- Come in 4 basic styles
  - 1) Slotted Strip Kit (Peel-n-Stick) Pan Wall Height / Any Length
  - 2) Perimeter Kit (Lock-together) 3H and Up / Any Length
  - 3) Perimeter Kit (Un-slotted) Any Height / Any Length
  - 4) Perimeter Kit (Heavy Duty) Any Height / Any Length



## 2 Partitions

- Divide pan horizontally within the Perimeters from front to back
- "Slide-in" design
- Mounting leg for stability and locator holes for securing in place

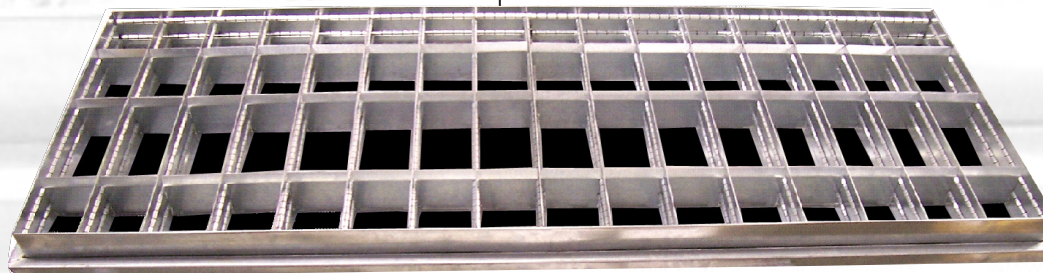


## 3 Cross Dividers:

- Divide horizontally within the Partitions from left to right
- Radius corners for safety
- Top Bend for label application
- Mounting legs on select dividers for stability

## 4 Pan Mat:

- Rubber Lining
- Felt Lining
- ESD Lining





# Things to Consider

Our **Pan Layout Calculator** was designed especially for **CRC Metal Products, Inc.** It is a device that assists you to compute layouts for divider projects confidently. **The Pan Layout Calculator** computes a list of total standard products for the project detail that is inputted. It is easily accessible and easy to use!

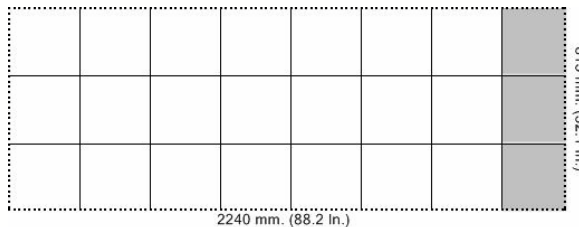
# STOP

Visit us online and  
try out our Pan  
Layout Calculator!

The calculator configures your pan to the closest equal dimensions that you choose. Then it gives you the part numbers and quantities instantly!

## PAN LAYOUT CALCULATOR

Select Pan:  Qty   
Select Height:   
Cell Dimensions:  Width x  Deep Units:



- ☐ 21 Cells of 10.91w x 10.12d in. (277w x 257d mm.)  
☒ 3 Cells of 10.12w x 10.12d in. (257w x 257d mm.)

24 Compartment Pan		
Qty	Part #	Description
1	PH1249088-EE	Perimeter Kit, 3H x 32.10D x 88.20W
7	TH1149	Partition, 2.75H x 32.00
14	CH11277	Cross Divider, 2.75H x 277mm (10.91) - Mounting Leg
2	CH11257	Cross Divider, 2.75H x 257mm (10.12) - Mounting Leg

### Take into account the following when ordering:

Here are **IMPORTANT** questions that need to be considered when you are getting ready to order your divider systems. These questions are important to help ensure your divider system will fit properly and you receive the end result you desire.

- What is the clear interior pan size?** (Pan Depth, Length & Pan Wall Height) *This ensures the divider systems fits in the pan properly.*
- Are there any obstructions on the interior from manufacturing?** (Welded corners, clips, radius corners and ECT.) *Ensures proper fit.*
- Does my pan have a double floor?** *Certain pans can change the interior pan wall height which changes the overall height.*
- Does my pan have welded reinforcement centers?** *This changes how certain parts are made and how the pan is divided.*
- What is the set height clearance in between pan shelves?** *Very important to not exceed height or it may push pan to the next opening.*
- What height do I need my Pan Perimeter to be?** *Pan wall height division or extending the pan wall higher.*
- Do I need Partitions and Cross Dividers?** *Are used to divide pans completely from left to right and front to back.*
- Do I want my parts with a bright galvanized finish or a painted finish?** *Standard is Bright Galvanized.*
- Do I need additional accessories?** *Extra hardware, brackets or pan mats?*

### Additional Notes:

- We make every effort to maintain updated pan information; however, due to possible updates, the dimensional information in this catalog may not be exact. It is the buyer's responsibility to verify the interior pan measurements and advise us with updated information before order fulfillment.
- All pertinent information must be included with your order. Any information missing may lead to delays in completion of your order. Please contact the office if you have any questions.

Visit us at: [www.crcmetalproducts.com](http://www.crcmetalproducts.com)



# Pan Perimeters

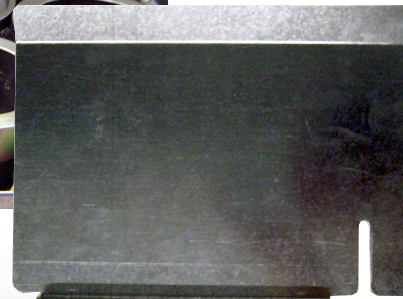
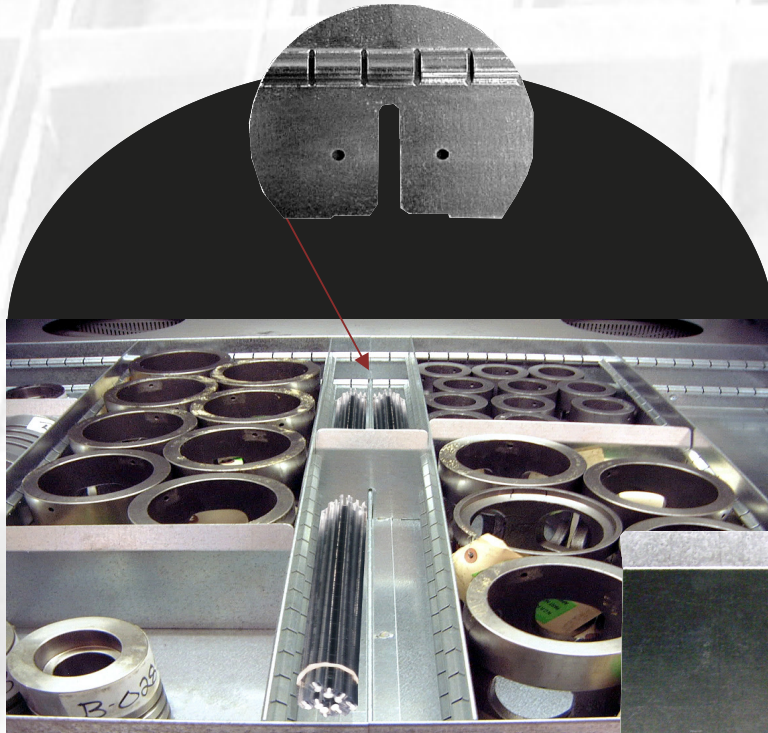
The use of steel Pan Perimeters in automated storage machines allows for safe storage of items whether they are large or small. Pan Perimeters frame the pan and, combined with Partitions and Cross Dividers, produce an organization system that is versatile and secure.

## Standard Kits

**4 Basic Styles: Slotted Strip, Lock-together, Un-slotted and Heavy Duty Bolt-together.**

## Welded Centers and Other Pan Obstructions

On occasion, a pan can contain a single- or, double-welded center or other obstructions that may make dividing up your pan more difficult. Our Perimeter Kits and Cross Dividers can be custom manufactured by **CRC Metal Products, Inc.** to deliver a product that fits your needs.



“There are solutions to every problem!”

There are many possibilities when configuring pans with welded center reinforcements. Cross Dividers that are manufactured to fit the pan according to a specific layout that fall into the welded center area will need to be reviewed. **In fact all welded center pan layouts should be reviewed and quoted before processing an order to ensure a proper fit.**



# Pan Perimeters

## Slotted Strip Kits

Our Slotted Strip Kit is designed to convert a plain un-slotted pan into a fully dividable pan in just minutes! These kits are manufactured with an adhesive strip that takes minimal effort to install.

Kits are being used in some types of slotted pans as well due to the ease of installation and divider system security.



(Pan Wall Approximate Height)

### Slotted Strip Kits Include:

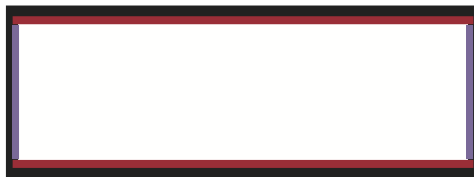
- Front and Back Adhesive Panels
- (\*) = (2) Partitions included as sides
- (\*\*) = (4) Partitions Included
- (\*\*\*) = (6) Partitions Included

Slot Pattern
20.21MM
20MM
17MM

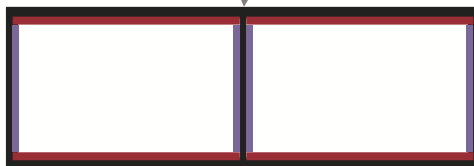
Contact us if the slot pattern you need is not listed. We Can Make It!

**Slot Patterns Are Pan Specific! Contact your Material Handling Dealer to verify which pattern is available for you.**

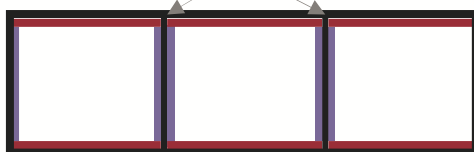
"Standard Pan" (\*)



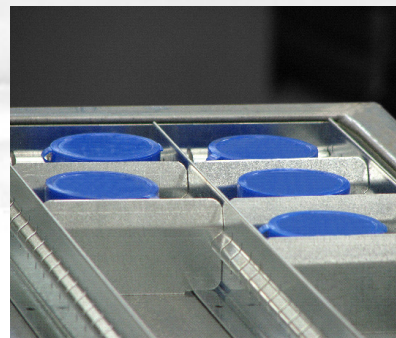
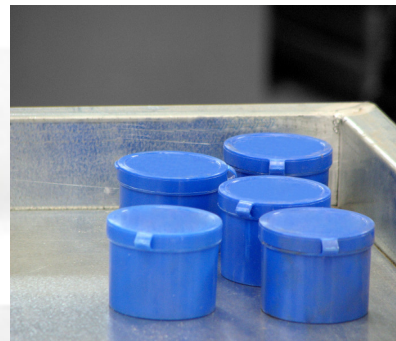
"Single Welded Center Pan" (\*\*)



"Double Welded Center Pan" (\*\*\*)



■ Slotted Strip Front/Back ■ Partitions



*A Leader in Steel Divider Systems*



# Pan Perimeters

## Perimeter Kits

Perimeter Kits increase the height of your pan wall so that you can securely store product. Our Perimeter Kits come in easy-to-install styles and designs.

### Perimeter Kit Styles (Any height or lengths available.)

- Slotted kits for standard pans.
- Slotted kits for pans with single- or double-welded reinforcement centers.
- Un-slotted kits for all types of pans.
- Heavy Duty kits that are slotted or un-slotted for all types of pans.

Perimeter Height*
3H
4H
5H
6H
7H
8H
9H
10H

*\*Heights shown are most commonly used.*

Slot Pattern
20.21MM
20MM
17MM

*Slot Patterns Are Pan Specific! Contact your Material Handling Dealer to verify which pattern is available for you.*

*We Can Make  
Any Height,  
Length or Pattern!*





# Pan Perimeters

**Best Seller!**



## "Lock-together"

(Heights: 3H and Up)

**Lock-together Perimeter Kits Include:**

- Front, Back and Side Panels
- Hardware

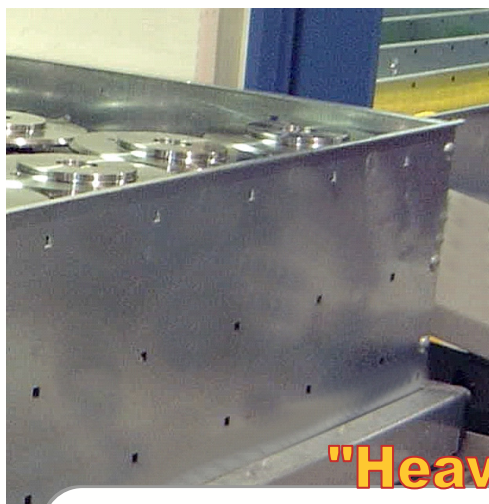


## "Un-Slotted"

(Any Height)

**Un-slotted Perimeter Kits Include:**

- Front, Back and Side Panels
- Hardware



## "Heavy-Duty"

(Specialty Kits/12GA)

**Bolt-together Perimeter Kits Include:**

- Front, Back and Side Panels
- Hardware

(Any Height)

*✓ Manufacturer's  
Choice for over  
12"H*



Clip corners available on taller kits. Manufactured for easier access.

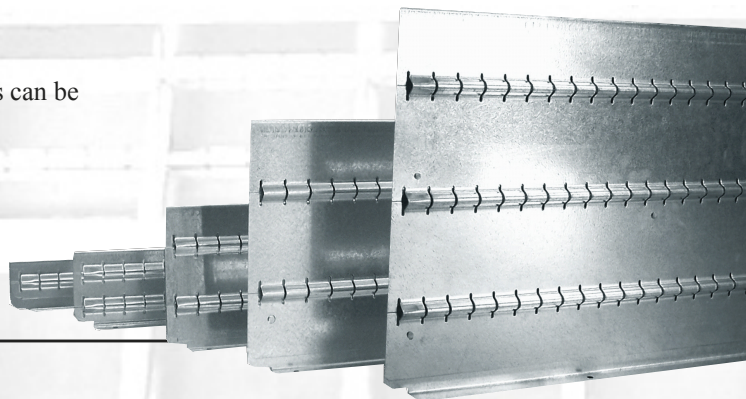
Visit us at: [www.crcmetalproducts.com](http://www.crcmetalproducts.com)



# Partitions

## Partitions

- Partitions are manufactured to divide your pan vertically.
- Mounting legs are formed for more stability, and locator holes can be utilized in securing the partition in place.
- Purchase Slotted or Un-Slotted.
- Standard bright galvanized steel. Painted finishes available.

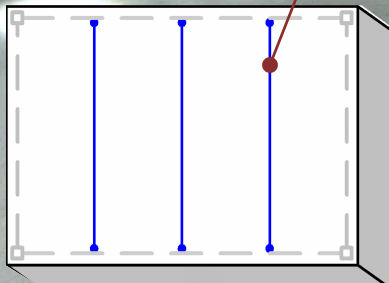


Corresponding Pan Perimeter	Partition / Cross Divider Order Height
Slotted Strip Kits	1.75H
Slotted Strip Kits	1.95H
3H Perimeter Kits	2.75H
4H Perimeter Kits	3.75H
5H Perimeter Kits	4.75H
6H Perimeter Kits	5.75H
7H Perimeter Kits	6.75H
8H Perimeter Kits	7.75H
9H Perimeter Kits	8.75H
10H Perimeter Kits	9.75H

*Heights shown are most commonly used with their corresponding Pan Perimeters.*

Slot Pattern
20.21MM
20MM
17MM

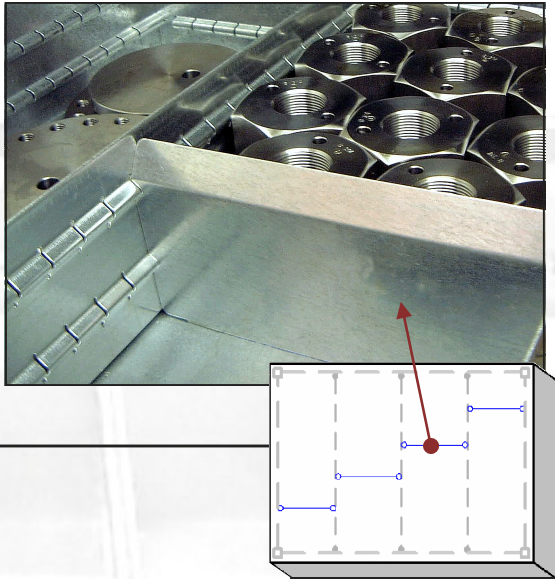
*Slot Patterns Are Pan Specific! Contact your Material Handling Dealer to verify which pattern is available for you.*



*Installation is proven simple due to the "slide-in" design.*



# Cross Dividers



## Cross Dividers

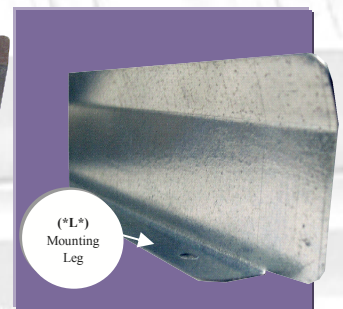
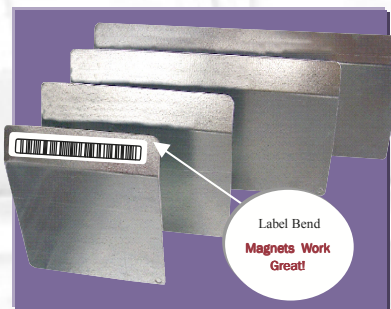
- Cross Dividers divide horizontally within each Partition.
- Manufactured with radius corners for safety and sleekness, and a top bend for application of labels.
- Mounting legs and locator holes are formed on select Cross Dividers.
- Standard bright galvanized steel. Painted finishes available.

*This page is only a partial list of our Cross Dividers. Other sizes are available. Slot patterns are pan specific! Contact your Material Handling Dealer to verify which pattern is available for you.*

Part# (20.21MM)	Description
C X X 058	Cross Divider, H x 57.66mm (2.27)
C X X 078	Cross Divider, H x 77.72mm (3.06)
C X X 098	Cross Divider, H x 98.04mm (3.86)
C X X 118	Cross Divider, H x 118.36mm (4.66)
C X X 138	Cross Divider, H x 138.43mm (5.45)
C X X 159	Cross Divider, H x 158.75mm (6.25)
C X X 179	Cross Divider, H x 178.82mm (7.04)
C X X 199	Cross Divider, H x 199.14mm (7.84)
C X X 219	Cross Divider, H x 219.20mm (8.63)
C X X 249	Cross Divider, H x 239.52mm (9.43)
C X X 260	Cross Divider, H x 259.59mm (10.22) -(*L*)
C X X 280	Cross Divider, H x 279.91mm (11.02) -(*L*)
C X X 300	Cross Divider, H x 297.91mm (11.81) -(*L*)
C X X 320	Cross Divider, H x 320.29mm (12.61) -(*L*)

Part# (17MM)	Description
C X X 065	Cross Divider, H x 065mm (2.56)
C X X 082	Cross Divider, H x 082mm (3.23)
C X X 099	Cross Divider, H x 099mm (3.90)
C X X 116	Cross Divider, H x 116mm (4.57)
C X X 133	Cross Divider, H x 133mm (5.24)
C X X 150	Cross Divider, H x 150mm (5.91)
C X X 167	Cross Divider, H x 167mm (6.58)
C X X 184	Cross Divider, H x 184mm (7.24)
C X X 201	Cross Divider, H x 201mm (7.91)
C X X 218	Cross Divider, H x 218mm (8.58)
C X X 235	Cross Divider, H x 235mm (9.25)
C X X 252	Cross Divider, H x 252mm (9.92)
C X X 269	Cross Divider, H x 269mm (10.59) -(*L*)
C X X 286	Cross Divider, H x 286mm (11.26) -(*L*)
C X X 303	Cross Divider, H x 303mm (11.93) -(*L*)
C X X 320	Cross Divider, H x 320mm (12.60) -(*L*)

Part# (20MM)	Description
C X X 057	Cross Divider, H x 057mm (2.24)
C X X 077	Cross Divider, H x 077mm (3.03)
C X X 097	Cross Divider, H x 097mm (3.82)
C X X 117	Cross Divider, H x 117mm (4.61)
C X X 137	Cross Divider, H x 137mm (5.39)
C X X 157	Cross Divider, H x 157mm (6.18)
C X X 177	Cross Divider, H x 177mm (6.97)
C X X 197	Cross Divider, H x 197mm (7.76)
C X X 217	Cross Divider, H x 217mm (8.54)
C X X 237	Cross Divider, H x 237mm (9.33)
C X X 257	Cross Divider, H x 257mm (10.12) - (*L*)
C X X 277	Cross Divider, H x 277mm (10.91) - (*L*)
C X X 297	Cross Divider, H x 297mm (11.69) - (*L*)
C X X 317	Cross Divider, H x 317mm (12.48) - (*L*)



**Heights Up to 4"H = 1/2" Bend**  
**Heights Over 4"H = 1" Bend**

*Note: Usable width of compartments measures about 0.5" less than the Cross Divider Width.*

*A Leader in Steel Divider Systems*

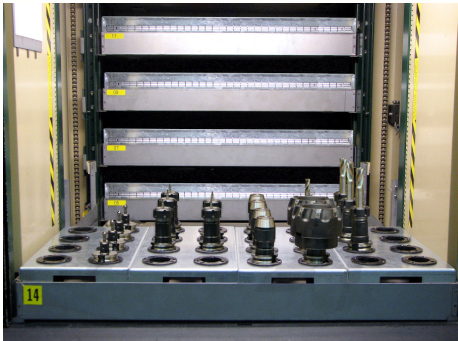
**10**

# Product Applications

**CRC Metal Products, Inc.** products go beyond the standard vertical lift pan divider systems. We have produced many other organizational storage systems for our clients. In the sections to follow are items that we manufacture. However, we are not limited to these items.

## Vertical Lift / Carousel

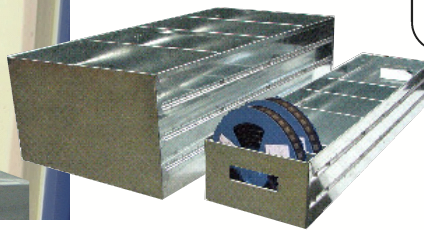
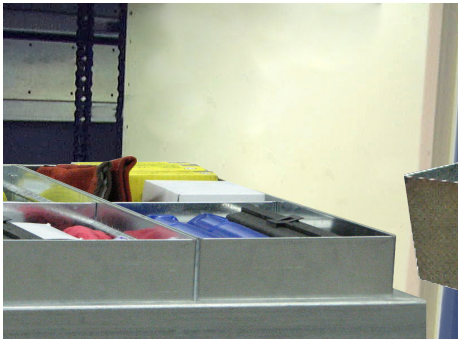
### Tool Holders



**We manufacture two styles of tool inserts that are made to fit your pan and CAT holder size.**

- Easily removable tool holder tray inserts that measure the depth of your pan.
- Economical “One-Piece” design that is custom made to fit your entire pan.

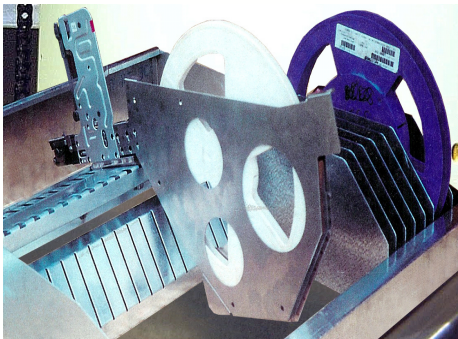
### Storage Trays/Industrial



**Custom fit steel trays are lightweight, versatile, and more space saving than plastic trays. They can be used for many applications.**

- Tailored to fit your pan front to back and left to right.
- Any height or width can be easily manufactured.

### Reel & Feeder Holders



**All holders are custom made to fit your pan. The following styles have been utilized.**

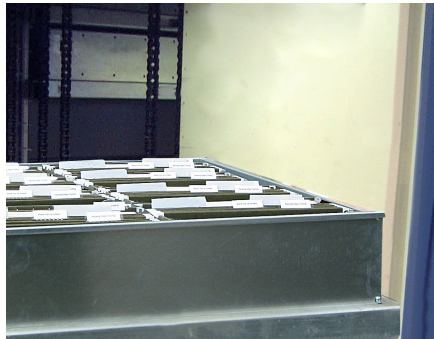
- Reel Only Holders
- Feeder Only Holders
- Both Reel & Feeder Holders



From CAD design, to prototyping into full production, we can provide an answer to your problems and customize parts as needed. **Divider Systems, storage trays, tool holders, carousel dividers, and many other items, we can make it all at CRC Metal Products, Inc.**

## Vertical Lift / Carousel

### Hanging Folders



Utilizing your Vertical Lift machine to file information in hanging folders is just another efficient and economical way to make use of your machine.

- Individual removable drawers
- Custom made full pan insert

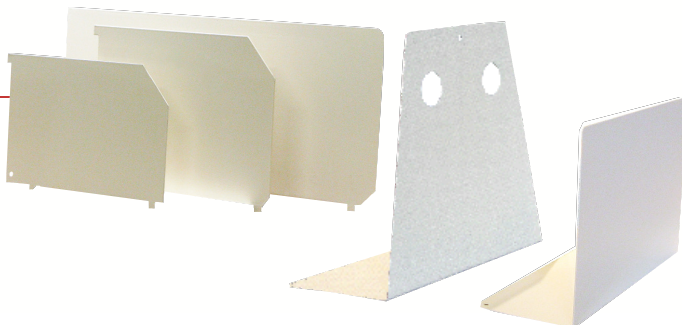
### Storage Trays/Office



Along side vertical lift divider systems, carousel storage trays are a specialty of ours.

- Any height or width can be manufactured
- Customize your carousel with various compartment tray styles and colors.

### Dividers & Book Ends

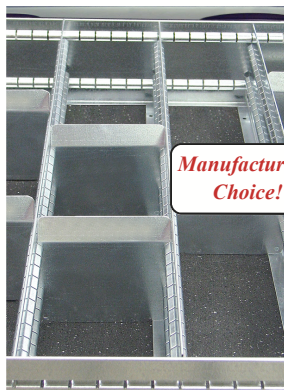


Our dividers and book ends are made to order.

- Any size or style can be manufactured
- Double-sided tape or magnetic strip
- Custom made tabbed dividers

# Accessories

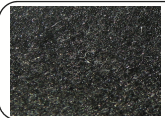
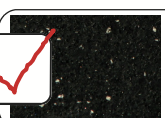
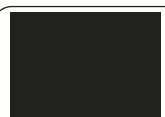
## Pan Mats



*Manufacturer's  
Choice!* ✓

### Description

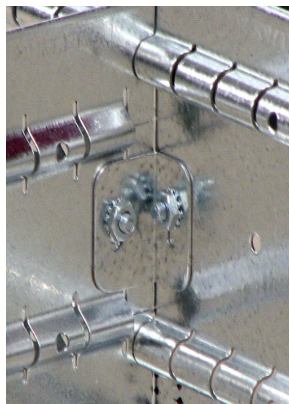
### Item Code

 <u>Felt Lining</u> 1mm (.039")	FL1001
 <u>Rubber Lining</u> 2mm (.079")	RL2001
 <u>ESD Lining</u> 1.5mm (.060")	EL1501

## Extra Pan Hardware


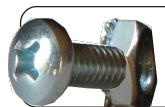

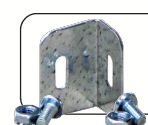


SOLD IN PACKS OF 100

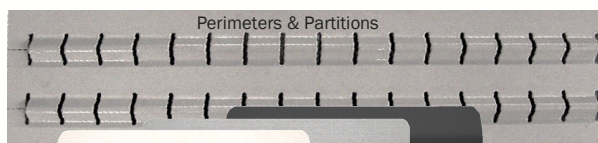


### Description

### Item Code

 <u>"Lock-together"</u> (100) 10-32 X 3/8 TCS Threadcutter Screw	LT1-100
 <u>"Bolt-together"</u> (100) 10/32 X 3/8 Bolt (100) 10/32 Hex Locknut	BT1-100
 <u>"Securing to pan"</u> (100) 8 x 1/2 Tek Screw	SC1-100
 <u>"Added Support"</u> (1) Bracket (2) 10/32 X 3/8 Bolt (2) 10/32 Hex Locknuts	ASB-001

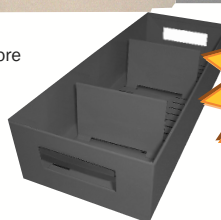
## Painted Finishes



Perimeters & Partitions

Cross Dividers

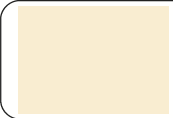

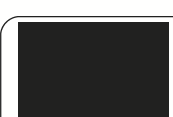
Trays & More



Contact us if the  
color you need is  
not listed.

### Description

### Item Code

 <u>CRC-Off-White</u>	PC1-OW
 <u>CRC-Gray</u>	PC1-GY
 <u>CRC-Black</u>	PC1-BK





## Creative Solutions in Metal

### Disclaimer:

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### Quotations / Orders:

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CRC Metal Products, Inc. makes every effort to maintain pricing. However, due to market fluctuation and other variables, prices are subject to change without notice. Prices do not include freight, applicable fees, and taxes.

### Payment Terms:

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### Shipping & Handling:

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***Steel Divider Systems***  
***All parts made in the USA!***



03/08

***For Quotes and Orders Contact the Material Handling Dealer Below:***

